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## Product Datasheet

**HTS01037, CAS [[682741-29-3]]**

**FBM-10-1453**

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| Artikelname              | HTS01037, CAS [[682741-29-3]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Artikelnummer            | FBM-10-1453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hersteller Artikelnummer | 10-1453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Alternativnummer         | FBM-10-1453-5MG, FBM-10-1453-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Produktbeschreibung      | FABP inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molekulargewicht         | 337.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reinheit                 | 98% by HPLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formulierung             | Yellow solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CAS Nummer               | [682741-29-3]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formel                   | C14H11NO5S2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung   | <p>Inhibits fatty acid binding proteins. Inhibits lipolysis in 3T3-L1 adipocytes and reduces LPS-stimulated inflammation in cultured macrophages. Acts as an antagonist of the protein-protein interaction between AFABP/aP2 and hormone sensitive lipase but does not activate PPARGgamma in macrophages<sup>1</sup>. Inhibits FABP-dependent and fatty acid-stimulated leukotriene C4 biosynthesis<sup>2</sup>. Reduces intracellular free fatty acid levels, lowering macrophage inflammation and ER stress<sup>3</sup>. Reduces LPS-stimulated IL-1beta secretion in a mouse model<sup>4</sup>. Inhibits VLDL-induced foam cell formation<sup>5</sup>.</p> |