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## Product Datasheet

### HTS01037, CAS [[682741-29-3]] FBM-10-1453

Article Name	HTS01037, CAS [[682741-29-3]]
Biozol Catalog Number	FBM-10-1453
Supplier Catalog Number	10-1453
Alternative Catalog Number	FBM-10-1453-5MG, FBM-10-1453-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	FABP inhibitor...
Molecular Weight	337.37
Purity	98% by HPLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[682741-29-3]
Formula	C14H11NO5S2
Application Notes	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> .