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## Product Datasheet

**HET0016**

**FBM-10-5246**

|                          |   |
|--------------------------|---|
| Artikelname              | HET0016   |
| Artikelnummer            | FBM-10-5246   |
| Hersteller Artikelnummer | 10-5246   |
| Alternativnummer         | FBM-10-5246-5MG,FBM-10-5246-25MG  |
| Hersteller               | Focus Biomolecules  |
| Kategorie                | Biochemikalien  |
| Produktbeschreibung      | 20-HETE biosynthesis inhibitor...   |
| Molekulargewicht         | 206.29  |
| Reinheit                 | >98% by HPLC NMR (Conforms)   |
| Formulierung             | Off-white solid   |
| CAS Nummer               | [339068-25-6]   |
| Formel                   | C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O  |
| Anwendungsbeschreibung   | <p>HET0016 (339068-25-6) inhibits 20-hydroxyeicosatetraenoic acid (20-HETE) biosynthesis via omega oxidation of arachidonic acid mediated by CYP4A and 4F (IC<sub>50</sub>=8.9 nM in human renal microsomes).<sup>1</sup> It displays neuroprotective effects in a rat model of traumatic brain injury via inhibition of neuronal pyroptosis.<sup>2</sup> HET0016 attenuates cerebral ischemia-reperfusion injury<sup>3</sup> as well as oxidative injury and peripheral nerve damage in type-2 diabetic mice<sup>4</sup>. It alleviates myocardial oxidative stress<sup>5</sup> and restores endothelial function suggesting therapeutic potential in obesity-associated vascular disease<sup>6</sup>.</p> |