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Product Datasheet

SC-560, CAS [[188817-13-2]] FBM-10-2531

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| Artikelname | SC-560, CAS [[188817-13-2]] |
| Artikelnummer | FBM-10-2531 |
| Hersteller Artikelnummer | 10-2531 |
| Alternativnummer | FBM-10-2531-5MG,FBM-10-2531-25MG |
| Hersteller | Focus Biomolecules |
| Kategorie | Biochemikalien |
| Produktbeschreibung | Selective COX-1 inhibitor... |
| Molekulargewicht | 352.74 |
| Reinheit | >98% by TLC NMR (Conforms) |
| Formulierung | Brown solid |
| CAS Nummer | [188817-13-2] |
| Formel | C17H12ClF3N2O |
| Anwendungsbeschreibung | <p>SC-560 is a highly selective (700-fold selective over COX-2) and potent (IC₅₀ = 9 nM) inhibitor of cyclooxygenase-1(COX-1).¹ SC-560 inhibited TNFα-induced PGE₂ synthesis in neurons and, PGE₂ and thromboxane A₂ synthesis in human monocytes and platelets (IC₅₀s = 1.8 nM and 2.5 nM respectively) indicating non-selective COX inhibition. SC-560 was able to inhibit PGE₂ synthesis in COX-1-deficient neurons indicating a COX-1 independent mechanism. This unselective COX inhibition was only observed in whole cells - it remained COX-1 specific in cell lysates.²</p> |