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Product Datasheet

Syrosingopine, CAS [[84-36-6]] FBM-10-4688

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| Artikelname | Syrosingopine, CAS [[84-36-6]] |
| Artikelnummer | FBM-10-4688 |
| Hersteller Artikelnummer | 10-4688 |
| Alternativnummer | FBM-10-4688-5MG,FBM-10-4688-25MG |
| Hersteller | Focus Biomolecules |
| Kategorie | Biochemikalien |
| Produktbeschreibung | MCT4 inhibitor... |
| Molekulargewicht | 666.72 |
| Reinheit | >98% by HPLC NMR (Conforms) |
| Formulierung | Off-white solid |
| CAS Nummer | [84-36-6] |
| Formel | C35H42N2O11 |
| Anwendungsbeschreibung | Syrosingopine is a reserpine derivative that is an inhibitor of monocarboxylate transporter 4 (IC50 MCT4 = 40 nM, IC50 MCT1 = 2.5 µM). ¹ It prevents lactate and H ⁺ efflux. Syrosingopine elicits synthetic lethality in cancer cells in combination with metformin via NAD ⁺ depletion leading to glycolytic blockade and cell death. ^{1,2} It displays anticancer activity in several cancer models including leukemia ³ , breast ⁴ , NSCLC ⁵ , and glioblastoma ⁶ . Syrosingopine was originally used to treat hypertension via its antinoradrenergic effects. |