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Product Datasheet

BAY-876 **FBM-10-4708**

Artikelname	BAY-876
Artikelnummer	FBM-10-4708
Hersteller Artikelnummer	10-4708
Alternativnummer	FBM-10-4708-5MG,FBM-10-4708-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GLUT1 inhibitor...
Molekulargewicht	496.43
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1799753-84-6]
Formel	C ₂₄ H ₁₆ F ₄ N ₆ O ₂
Anwendungsbeschreibung	Potent inhibitor (IC ₅₀ = 2 nM) of the facilitative glucose transporter GLUT1, an enzyme frequently overexpressed in many cancers. ¹ It shows greater than 100-fold selectivity over GLUT2-4. BAY-876 displayed potent antitumor activity in ovarian cancer xenograft models ² and in triple negative breast cancer cells displaying high glycolytic and low oxidative phosphorylation rates ³ . It reduced CD4+ T cell proliferation and IFN-gamma secretion via GLUT1 inhibition suggesting utility against auto-inflammatory diseases. ⁴ BAY-876 induces disulfidptosis in SLCA11high cancer cells. ⁵