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Product Datasheet

TH1760 FBM-10-4624

Article Name	TH1760
Biozol Catalog Number	FBM-10-4624
Supplier Catalog Number	10-4624
Alternative Catalog Number	FBM-10-4624-5MG,FBM-10-4624-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	NUDT15 inhibitor...
Molecular Weight	426.45
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[2567914-01-4]
Formula	C ₂₀ H ₁₈ N ₄ O ₅ S
Application Notes	Potent inhibitor (IC ₅₀ = 25 nM dGTP hydrolysis, 57 nM 6-thio-dGTP hydrolysis) of the NUDIX hydrolase NUDT15, an important enzyme involved in the hydrolysis thiopurine chemotherapeutics. It was selective against other human NUDIX proteins as well as a panel of 44 kinases and the Eurofins Cerep SafetyScreen44 panel. It was active in AML cell lines HL-60 and NB4 as well as HCT116 3-6 colorectal carcinoma cells and 697 B-ALL cells.