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Product Datasheet

TH588, CAS [[1609960-31-7]] FBM-10-4602

Artikelname	TH588, CAS [[1609960-31-7]]
Artikelnummer	FBM-10-4602
Hersteller Artikelnummer	10-4602
Alternativnummer	FBM-10-4602-5MG,FBM-10-4602-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	MTH1/NUDT1 inhibitor...
Molekulargewicht	331.63
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1609960-31-7]
Formel	C13H12Cl2N4HCl
Anwendungsbeschreibung	TH588 is a first-in-class nudix hydrolase family inhibitor. ¹ MTH1/NUDT1 is a family member that "sanitizes oxidized deoxynucleotide triphosphates (dNTP) preventing their incorporation into DNA and thus avoiding DNA damage and cell death. TH588 inhibits MTH1/NUDT1 (IC ₅₀ = 5 nM) leading to cell death in several cancer cell lines while not affecting normal cells. Active in vitro and in vivo. Recent evidence has raised doubts about the cancer-killing ability of MTH1 inhibition. ^{2,3}