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Product Datasheet

LD2, CAS [[1134334-55-6]] FBM-10-4872

Artikelname	LD2, CAS [[1134334-55-6]]
Artikelnummer	FBM-10-4872
Hersteller Artikelnummer	10-4872
Alternativnummer	FBM-10-4872-5MG,FBM-10-4872-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	PRMT9 inhibitor...
Molekulargewicht	247.68
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Pale yellow solid
CAS Nummer	[1134334-55-6]
Formel	C12H10CIN3O
Anwendungsbeschreibung	LD2 is a protein arginine N-methyltransferase 9 (PRMT9) inhibitor. It inhibited the viability of leukemia cells (IC50 = 2-7 µM in various cell lines). LD2 promoted DNA damage leading to cyclic GMP-AMP synthase (cGAS) activation and a type I IFN response. LD2 acted synergistically with anti-PD-1 mAb in an A20 lymphoma syngeneic model, an MA9 AML transplant model as well as a humanized AML mouse model. LD2 treatment led to leukemia stem cell ablation as well as an anticancer immune response.