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Product Datasheet

PTC-209, CAS [[315704-66-6]]

FBM-10-4022

Artikelname	PTC-209, CAS [[315704-66-6]]
Artikelnummer	FBM-10-4022
Hersteller Artikelnummer	10-4022
Alternativnummer	FBM-10-4022-5MG,FBM-10-4022-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	BMI-1 inhibitor...
Molekulargewicht	495.19
Reinheit	98% by HPLC , NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[315704-66-6]
Formel	C17H13Br2N5OS
Anwendungsbeschreibung	An inhibitor of BMI-1 (IC₅₀ = 500 nM), part of the polycomb repressive complex 1 (PCR1).¹ It inhibited endogenous BMI-1 expression in human colorectal HCT116 and human fibrosarcoma HT1080 tumor cells resulting in reduced tumor volume as well as reduced cancer initiating cell (CIC) number. PTC-209 displayed potent in vivo antitumor effects in several cancer models including breast², head and neck³, glioblastoma⁴, prostate⁵, colon⁵, and rhabdomyosarcoma⁶. It also promoted chemically-induced direct cardiac reprogramming of cardiac fibroblasts into cardiac myocytes.^{7,8}