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Product Datasheet

PRIMA-1MET, CAS [[5291-32-7]]
FBM-10-4175

Artikelname	PRIMA-1MET, CAS [[5291-32-7]]
Artikelnummer	FBM-10-4175
Hersteller Artikelnummer	10-4175
Alternativnummer	FBM-10-4175-5MG,FBM-10-4175-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Reactivates mutant p53...
Molekulargewicht	199.25
Reinheit	95%, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[5291-32-7]
Formel	C10H17NO3
Anwendungsbeschreibung	PRIMA-1MET reactivates mutant p53, an important tumor suppressor gene, in cancer cells.¹ It induces p53-dependent mitochondrial apoptosis via activation of caspase-2.² PRIMA-1MET showed significant antitumor activity in multiple myeloma via activation of p73³ and had previously been shown to target p53 family members p63 and p73⁴. Tumor cell death by PRIMA-1MET has been also shown to be caused by glutathione depletion and induced ROS production in a p53 independent manner.⁵⁻⁷ PRIMA-1MET probably induces tumor cell death by both reactivating mutant p53 and inhibiting cellular thiol-dependent redox systems.⁸