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Product Datasheet

Trametinib, CAS [[871700-17-3]] FBM-10-4759

Artikelname	Trametinib, CAS [[871700-17-3]]
Artikelnummer	FBM-10-4759
Hersteller Artikelnummer	10-4759
Alternativnummer	FBM-10-4759-10MG,FBM-10-4759-50MG,FBM-10-4759-10MM/1MLDMSO
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	MEK inhibitor...
Molekulargewicht	615.39
Reinheit	98% by TLC/HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[871700-17-3]
Formel	C26H23FIN5O4

Anwendungsbeschreibung	Trametinib is a highly potent (IC_{50} uMEK1 = 0.7 nM, pp-MEK1 = 14.9 nM)¹ and selective MEK inhibitor displaying selective inhibition of proliferation in various BRAF mutant cancer cell lines (IC_{50} ACHN = 9.8 nM, IC_{50} HT-29 = 0.57 nM)². It is approved for use against unresectable or metastatic BRAF-mutant melanoma alone or in combination with Dabrafenib. Trametinib can limit outgrowth of tumors without directly inhibiting tumor cell proliferation via abrogation of cytokine-driven expansion of monocytic myeloid-derived suppressor cells (mMDSC) through a mechanism involving CD8+ T cells.^{3,4} Trametinib also displays potent anti-arthritic effects.⁵
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