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Product Datasheet

Galunisertib, CAS [[700874-72-2]] FBM-10-4110

Artikelname	Galunisertib, CAS [[700874-72-2]]
Artikelnummer	FBM-10-4110
Hersteller Artikelnummer	10-4110
Alternativnummer	FBM-10-4110-5MG,FBM-10-4110-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	TGFβ receptor 1 inhibitor / Cancer immunotherapeutic...
Molekulargewicht	369.43
Reinheit	98%, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[700874-72-2]
Formel	C22H19N5O

Anwendungsbeschreibung	Galunisertib is a TGF-β kinase (ALK5) antagonist.¹ It stimulated hematopoiesis from primary myelodysplastic syndrome bone marrow specimens via downregulation of SMAD2 phosphorylation.² It has been in clinical trials for treatment of various cancers.³⁻⁵ Galunisertib has more recently been used to enhance the anti-neuroblastoma activity of anti-GD2 antibody Dinutuximab with natural killer cells⁶ and preserved the function of in vitro expanded natural killer cells in AML and colon cancer models⁷. Galunisertib reversed TGF and regulatory T cell mediated suppression of human T cell proliferation. In combination with PD-L1 blockade, it resulted in improved tumor growth inhibition and complete regressions in colon carcinoma models.⁸
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