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Product Datasheet

BX-795, CAS [[702675-74-9]] FBM-10-4677

Artikelname	BX-795, CAS [[702675-74-9]]
Artikelnummer	FBM-10-4677
Hersteller Artikelnummer	10-4677
Alternativnummer	FBM-10-4677-5MG,FBM-10-4677-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Dual TBK1/IKKepsilon inhibitor - enhances lentiviral transduction efficiency...
Molekulargewicht	591.47
Reinheit	>97% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[702675-74-9]
Formel	C23H26IN7O2S

Anwendungsbeschreibung	BX795, originally described as a moderately potent inhibitor of PDK1 (IC₅₀ = 111 nM)¹, is, more importantly, a dual inhibitor of TBK1 and IKKepsilon (IC₅₀s = 6 and 41 nM respectively)². TBK1 and IKKepsilon regulate the production of Type I interferons during bacterial and viral infection via phosphorylation of the transcription factor IRF3. It also inhibited of MARK, MLK, NUA1, and ERK8.³ BX795 exhibited antitumor activity in human oral squamous cell carcinoma⁴, pancreatic ductal adenocarcinoma⁵, and Glioblastoma Multiforme⁶. BX795 has been used to enhance lentiviral transduction efficiency in human NK cells⁷⁻⁹ and human primary T cells¹⁰ for CAR-T cell therapy.
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