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Product Datasheet

Pyridone 6, CAS [[457081-03-7]]
FBM-10-5555

Artikelname	Pyridone 6, CAS [[457081-03-7]]
Artikelnummer	FBM-10-5555
Hersteller Artikelnummer	10-5555
Alternativnummer	FBM-10-5555-1MG,FBM-10-5555-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	pan-JAK inhibitor...
Molekulargewicht	309.34
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[457081-03-7]
Formel	C18H16FN3O
Anwendungsbeschreibung	Potent, ATP-competitive pan-JAK inhibitor. Inhibits 1, 2 and 3 (IC₅₀=1, 5 and 15 nM respectively) as well as JAK family member Tyk2 (IC₅₀=1 nM).¹ Also tested against 21 other kinases with inhibition ranging from 130 nM to >10 μM. Inhibits IL2 and IL4-dependent proliferation of CTLL cells.¹ Induces intermediate mesoderm differentiation from embryonic stem cells in a cocktail with LY-294002, CCG-1423 and retinoic acid.² Potently inhibits STAT1, STAT5 and STAT6 phosphorylation and ameliorates allergic skin inflammation in a mouse model.³ Suppresses asthmatic responses in a mouse allergic asthma model.⁴