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Product Datasheet

JNJ-3792165

FBM-10-5863

Artikelname	JNJ-3792165
Artikelnummer	FBM-10-5863
Hersteller Artikelnummer	10-5863
Alternativnummer	FBM-10-5863-5MG,FBM-10-5863-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GPR139 antagonist...
Molekulargewicht	374.27
Reinheit	98% by TLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[353504-63-9]
Formel	C19H17Cl2 N3O

Anwendungsbeschreibung	<p>JNJ-3792165 is a potent and selective antagonist at GPR139, a non-canonical opioid receptor. It has high affinity for human GPR139 (pKi = 7.7, displacement of [3H] JNJ-6353054) and behaves as an antagonist in a [35S]GTPgammaS assay (pKb = 7.4) and calcium mobilization assay.¹ It displayed no significant affinity in a selectivity screen of over 50 other neurotransmitter and neuropeptide receptors (less than 50% inhibition at 1 μM).¹ Completely blocks (10 mM) the effects of optogenetic stimulation of dynorphin release in dynorphinergic neurons of the nucleus accumbens at 10 mM.² JNJ-3792165 is an important new tool for exploring the biology of GPR139.^{3,4}</p>
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