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Product Datasheet

JNJ-3792165, CAS [[353504-63-9]] FBM-10-5863

Artikelname	JNJ-3792165, CAS [[353504-63-9]]
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	C ₁₉ H ₁₇ Cl ₂ N ₃ O

Anwendungsbeschreibung	JNJ-3792165 is a potent and selective antagonist at GPR139, a non-canonical opioid receptor. It has high affinity for human GPR139 ($pK_i = 7.7$, displacement of [3H] JNJ-6353054) and behaves as an antagonist in a [^{35}S]GTPgammaS assay ($pK_b = 7.4$) 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 $1\text{ }\mu\text{M}$).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}
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