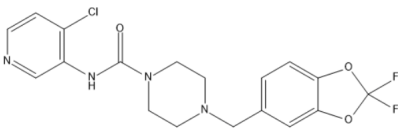


Certificate of Analysis

Catalog Number	BP12430
Product Name	JNJ-42165279

Physical and Chemical Properties

Synonyms	JNJ42165279, JNJ 42165279
CAS No.	1346528-50-4
Chemical Formula	C ₁₈ H ₁₇ ClF ₂ N ₄ O ₃
Molecular Weight	410.81
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	JNJ-42165279 covalently inactivates the FAAH enzyme but is highly selective with regard to other enzymes, ion channels, transporters, and receptors. JNJ-42165279 (10 μ M) exhibits high selectivity against a panel of 50 receptors, enzymes, transporters, and ion-channels, at which concentration it does not produce >50% inhibition of binding to any of the targets. Fortunately, JNJ-42165279 (10 μ M) also does not inhibit CYPs (1A2, 2C8, 2C9, 2C19, 2D6, 3A4) or hERG.
Targets&IC50	hFAAH:70 \pm 8 nM, rFAAH:313 \pm 28 nM

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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