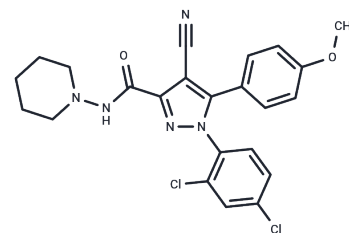


JHU 75528

Chemical Properties

CAS No. : 947696-17-5
Formula: C₂₃H₂₁Cl₂N₅O₂
Molecular Weight: 470.35
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	JHU 75528 (JHU-75528) is a novel PET tracer with inhibitory effects on CB that can be used to study the cannabinoid system in schizophrenic patients.
Targets(IC50)	Cannabinoid Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (116.93 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1261 mL	10.6304 mL	21.2608 mL
5 mM	0.4252 mL	2.1261 mL	4.2522 mL
10 mM	0.2126 mL	1.063 mL	2.1261 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Horti AG, et al. Development of radioligands for in vivo imaging of type 1 cannabinoid receptors (CB1) in human brain. Curr Pharm Des. 2008;14(31):3363-83.

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