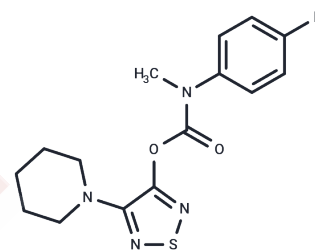


JZP-MA-11

Chemical Properties

CAS No. : 1672691-50-7
 Formula: C₁₅H₁₇FN₄O₂S
 Molecular Weight: 336.38
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	JZP-MA-11 is a positron emission tomography (PET) ligand that specifically targets the endocannabinoid α/β -hydrolase domain 6 (ABHD6) enzyme. It exhibits selective inhibition of ABHD6 with an IC ₅₀ value of 126 nM and can cross the blood-brain barrier (BBB). The compound, labeled with [18F], shows promising potential for preclinical evaluation in mice and nonhuman primates (NHP) as a tool for investigating brain ABHD6 activity [1].
Targets(IC50)	Others,MAGL

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9728 mL	14.8641 mL	29.7283 mL
5 mM	0.5946 mL	2.9728 mL	5.9457 mL
10 mM	0.2973 mL	1.4864 mL	2.9728 mL
50 mM	0.0595 mL	0.2973 mL	0.5946 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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