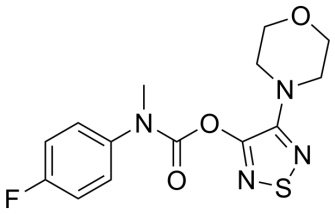
JZP-MA-13

Cat. No.:	HY-152152
Molecular Formula:	$C_{14}H_{15}FN_4O_3S$
Molecular Weight:	338.36
Target:	MAGL
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JZP-MA-13 is a selective α/β-hydrolase domain 6 (ABHD6) inhibitor with an IC_{50} of 392 nM. JZP-MA-13 shows no inhibition of MAGL, ABHD12, FAAH, or other serine hydrolases. JZP-MA-13 is a positron emission tomography (PET) ligand for in vivo imaging of the ABHD6[1].
IC_{50} & Target	IC50: 392 nM (ABHD6)[1]
In Vitro	JZP-MA-13 does not bind orthosterically to CB1 or CB2 or allosterically influences canonical CB1 or CB2 signaling[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Karine Mardon, et al. Utilizing PET and MALDI Imaging for Discovery of a Targeted Probe for Brain Endocannabinoid α/ β-Hydrolase Domain 6 (ABHD6). J Med Chem. 2022 Dec 14.

Caution: Product has not been fully validated for medical applications. For research use only.

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