Data Sheet (Cat.No.T80928)

TargetMol

TSPO ligand-3

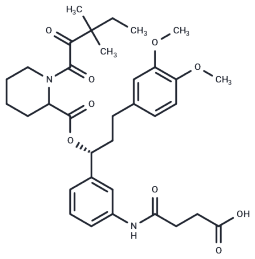
Chemical Properties

CAS No. : 2241669-89-4

Formula: C34H44N2O9

Molecular Weight: 624.72

Storage: Keep away from direct sunlight
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	TSPO ligand-3, functioning as an AUTAC2 ligand, incorporates both a p-fluorobenzylguanine (FBnG) and a synthetic ligand of FKBP (SLF) moiety, leading to the substantial inhibition of FKBP12 in HeLa cells [1].
Targets(IC50)	AUTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6007 mL	8.0036 mL	16.0072 mL
5 mM	0.3201 mL	1.6007 mL	3.2014 mL
10 mM	0.1601 mL	0.8004 mL	1.6007 mL
50 mM	0.032 mL	0.1601 mL	0.3201 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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