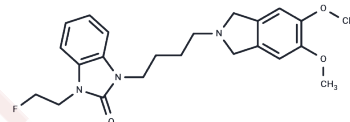


Sigma-2 Radioligand 2

Chemical Properties

CAS No. : 2860554-31-8
 Formula: C₂₃H₂₈FN₃O₃
 Molecular Weight: 413.49
 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	Sigma-2 Radioligand 2 (compound 4) exhibits low nanomolar affinity for the σ_2 receptor ($K_i=2.30$ nM) and high subtype selectivity ($K_i(\sigma_1)/K_i(\sigma_2) > 1500$).
Targets(IC ₅₀)	Sigma receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4184 mL	12.0922 mL	24.1844 mL
5 mM	0.4837 mL	2.4184 mL	4.8369 mL
10 mM	0.2418 mL	1.2092 mL	2.4184 mL
50 mM	0.0484 mL	0.2418 mL	0.4837 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481