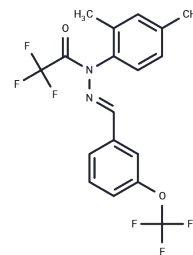


CAD031

Chemical Properties

CAS No. : 2071209-49-7
 Formula: C₁₈H₁₄F₆N₂O₂
 Molecular Weight: 404.31
 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	CAD031, a more active derivative of the Alzheimer's disease (AD) targeting agent J147, exhibits neuroprotective and memory-enhancing properties. It has been shown to enhance memory, improve dendritic structure, and stimulate cell division in the germinal zone of aged mice brains. Additionally, CAD031 demonstrates greater efficacy than J147 in human neural stem cell assays [1].
Targets(IC50)	Others,Dopamine Receptor,Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4733 mL	12.3667 mL	24.7335 mL
5 mM	0.4947 mL	2.4733 mL	4.9467 mL
10 mM	0.2473 mL	1.2367 mL	2.4733 mL
50 mM	0.0495 mL	0.2473 mL	0.4947 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481