

GSK-3 β inhibitor 7

Chemical Properties

CAS No. :

Formula: C₂₇H₂₃BrN₄O₂S

Molecular Weight: 547.47

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	GSK-3 β inhibitor 7 is a GSK-3 β inhibitor (IC ₅₀ : 5.25 μ M) that acts by inserting into the ATP-binding pocket of GSK-3 β and forming hydrogen bonds. It exhibits a high rate of glucose uptake by hepatocytes (83.5%) and can be used to study various diseases such as cancer, diabetes, inflammation, Alzheimer's disease, and bipolar disorder.
Targets(IC ₅₀)	Others,GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8266 mL	9.1329 mL	18.2658 mL
5 mM	0.3653 mL	1.8266 mL	3.6532 mL
10 mM	0.1827 mL	0.9133 mL	1.8266 mL
50 mM	0.0365 mL	0.1827 mL	0.3653 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