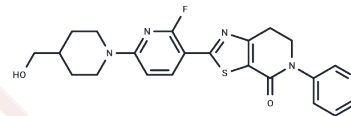


Thiazolo[5,4-c]pyridin-4(5H)-one

Chemical Properties

CAS No. :	3033951-93-5
Formula:	C ₂₂ H ₂₂ FN ₅ O ₂ S
Molecular Weight:	439.51
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	Thiazolo[5,4-c]pyridin-4(5H)-one (compound 17) is a compound used for diagnostic imaging of TDP-43 (Transactive response (TAR) DNA binding protein 43 kDa), which is commonly used in positron emission tomography (PET) imaging of neurodegenerative diseases such as amyotrophic lateral sclerosis (ALS), Alzheimer's disease (AD), frontotemporal dementia (FTD), and limbic dominant age-related TDP-43 encephalopathy (LATE).
Targets(IC50)	Beta Amyloid,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2753 mL	11.3763 mL	22.7526 mL
5 mM	0.4551 mL	2.2753 mL	4.5505 mL
10 mM	0.2275 mL	1.1376 mL	2.2753 mL
50 mM	0.0455 mL	0.2275 mL	0.4551 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.

Reference

Nicolas Dreyfus, et al. Novel compounds for the diagnosis of tdp-43 proteinopathies. WO2024068948A1. 2024-04-04.

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