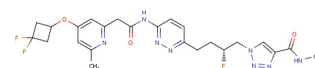


GLS1-IN-1

Chemical Properties

CAS No.: 1853164-83-6
Formula: C₂₄H₂₇F₃N₈O₃
Molecular Weight: 532.52
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	GLS1-IN-1 is a GLS1 (the kidney-type glutaminase) inhibitor. It is used in the research of GLS1 mediated diseases, such as cancer.
Targets(IC ₅₀)	GLS1: None
In vitro	GLS1-IN-1 has an IC ₅₀ against GLS1 and an EC ₅₀ against A549 cell proliferation of <100 nM [1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.878 mL	9.389 mL	18.779 mL
5 mM	0.376 mL	1.878 mL	3.756 mL
10 mM	0.188 mL	0.939 mL	1.878 mL
50 mM	0.038 mL	0.188 mL	0.376 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Maria Emilia Di Francesco, et al. Gls1 inhibitors for treating disease. WO2016004404A2.
2. Philip Jones, et al. Salt forms and polymorphs of (r)-1-(4-(6-(2-(4-(3,3-difluorocyclobutoxy)-6-methylpyridin-2-yl)acetamido)pyridazin-3-yl)-2-fluorobutyl)-n-methyl-1h-1,2,3-triazole-4-carboxamide. US20170174661A1.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481