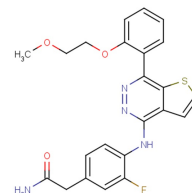


GLUT4 activator 1

Chemical Properties

CAS No.:	2253733-37-6
Formula:	C ₂₃ H ₂₁ FN ₄ O ₃ S
Molecular Weight:	452.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	GLUT4 activator 1 is a potent glucose transporter type 4 (GLUT4) translocation activator (EC ₅₀ : 0.14 μM).
Targets(IC ₅₀)	Others: None

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.21 mL	11.05 mL	22.099 mL
5 mM	0.442 mL	2.21 mL	4.42 mL
10 mM	0.221 mL	1.105 mL	2.21 mL
50 mM	0.044 mL	0.221 mL	0.442 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. Tsuji T, et al. Discovery of novel pyridazine derivatives as glucose transporter type 4 (GLUT4) translocation activators. Bioorg Med Chem Lett. 2019 Jul 15;29(14):1785-1790.

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