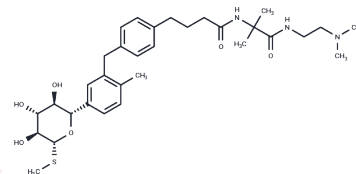


LX2761

Chemical Properties

CAS No. : 1610954-97-6
Formula: C32H47N3O6S
Molecular Weight: 601.8
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LX2761 is a chemically stable and effective inhibitor against sodium-dependent glucose cotransporter 1 (SGLT1) and SGLT2 (IC50s: 2.2 nM and 2.7nM for hSGLT1 and hSGLT2). However, it shows specific SGLT1 inhibition in the gastrointestinal (GI) tract.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6617 mL	8.3084 mL	16.6168 mL
5 mM	0.3323 mL	1.6617 mL	3.3234 mL
10 mM	0.1662 mL	0.8308 mL	1.6617 mL
50 mM	0.0332 mL	0.1662 mL	0.3323 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.

Reference

Goodwin NC, et al. Discovery of LX2761, a Sodium-Dependent Glucose Cotransporter 1 (SGLT1) Inhibitor Restricted to the Intestinal Lumen, for the Treatment of Diabetes. J Med Chem. 2017 Jan 26;60(2):710-721.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481