

Rapaglutin E

Chemical Properties

CAS No. :

Formula: C67H88N6O15

Molecular Weight:

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	Rapaglutin E (RgE) is an inhibitor of glucose transport proteins (GLUT). It exhibits dose-dependent inhibition of [3H]-2DG uptake in A549, Jurkat T, PANC10.05, and RBC cells, with IC50 values of 8.9 nM, 3.1 nM, 35.5 nM, and 74.2 nM, respectively. Additionally, Rapaglutin E suppresses cell proliferation in A549, PANC10.05, HeLa, Jurkat T, and HEK293T cells.
Targets(IC50)	transporter

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481