CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

SBI-477, Purity ≥98%

Cat. No.: X24-09-YM1440

Size: 1 mg; 5 mg; 10 mg; 20 mg

CAS Number: 781628-99-7

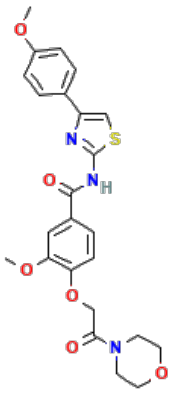
Compound CID: 2469116

Synonym: 781628-99-7; SBI477; SBI 477;

3-Methoxy-*N*

-[4-(4-methoxyphenyl)-1,3-thiazol-2-yl]-4-(2-morpholin-4-yl-2-oxoethoxy)benzamide

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	SBI-477 is a chemical probe that stimulates insulin signaling. The molecular weight of the compound is 483.54, and its molecular formula is $C_{24}H_{25}N_3O_6S$.
Molecular Weight	483.54
Molecular Formula	$C_{24}H_{25}N_3O_6S$
IUPAC Name	3-Methoxy-*N*-[4-(4-methoxyphenyl)-1,3-thiazol-2-yl]-4-(2-morpholin-4-yl-2-oxoethoxy)benzamide
InChI	InChI=1S/C24H25N3O6S/c1-30-18-6-3-16(4-7-18)19-15-34-24(25-19)26-23(29)17-5-8-20(21(13-17)31-2)33-14-22(28)27-9-11-32-12-10-27/h3-8,13,15H,9-12,14H2,1-2H3,(H,25,26,29)
InChI Key	SJPVXFZDWAIFFT-UHFFFAOYSA-N
Canonical SMILES	COC1=CC=C(C=C1)C2=CSC(=N2)NC(=O)C3=CC(=C(C=C3)OCC(=O)N4CCOCC4)OC
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	SBI-477 can be studied extensively for its potential therapeutic applications in the treatment of Alzheimer's disease.
Storage	Store at -20ºC, and keep desiccated.