



Product Information

ROCK inhibitor GSK 269962, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ849

Size: 5 mg; 10 mg; 25 mg; 50 mg

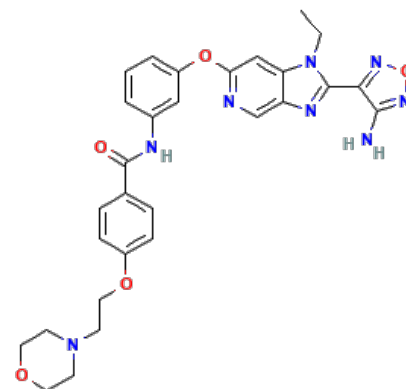
CAS Number: 850664-21-0

Compound CID: 16095342

Synonym: 850664-21-0; GSK269962; GSK-269962; GSK269962A; GSK-269962A;

ROCK inhibitor

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



Product Information

Description	GSK 269962 blocks the ATP-binding site of ROCK, thereby inhibiting its kinase activity. It targets AKT1, AKT2, AKT3, and CDK2.
Molecular Weight	570.6
Molecular Formula	C ₂₉ H ₃₀ N ₈ O ₅
Targets	AKT1: 955 nM; AKT2: 1350 nM; AKT3: 1510 nM; CDK2: 3500 nM
IUPAC Name	<i>N</i> -[3-[2-(4-amino-1,2,5-oxadiazol-3-yl)-1-ethylimidazo[4,5-c]pyridin-6-yl]oxyphenyl]-4-(2-morpholin-4-ylethoxy)benzamide
InChI	InChI=1S/C29H30N8O5/c1-2-37-24-17-25(31-18-23(24)33-28(37)26-27(30)35-42-34-26)41-22-5-3-4-20(16-22)32-29(38)19-6-8-21(9-7-19)40-15-12-36-10-13-39-14-11-36/h3-9,16-18H,2,10-15H2,1H3,(H2,30,35)(H,32,38)
InChI Key	YOVNFXUCOWYSG-UHFFFAOYSA-N
Canonical SMILES	CCN1C2=CC(=NC=C2N=C1C3=NON=C3N)OC4=CC=CC(=C4)NC(=O)C5=CC=C(C=C5)OCCN6CCOCC6
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	GSK 269962 is utilized to study its inhibitory effects on Rho-associated protein kinases (ROCK1/2) in cell mobility research.



Storage

Store at -20°C.
