



Product Information

SB-649868

Cat. No.: X23-12-YM683

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

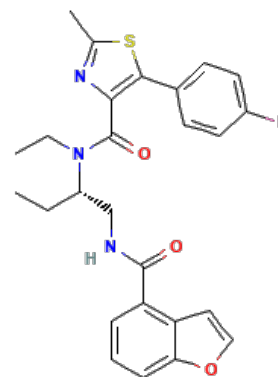
CAS Number: 380899-24-1

Compound CID: 25195495

Synonym: 380899-24-1; SB-649868; 380899-24-1; SB649868; GSK649868;

(S)-N

--((1-(5-(4-Fluorophenyl)-2-methylthiazole-4-carbonyl)piperidin-2-yl)methyl)benzofuran-4-carboxamide; 1L1V1K2M4V; SB 649868; UNII-1L1V1K2M4V



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

Product Information

Description	SB-649868 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	477.56
Molecular Formula	C ₂₆ H ₂₄ FN ₃ O ₃ S
IUPAC Name	N-[[[(2S)-1-[5-(4-Fluorophenyl)-2-methyl-1,3-thiazole-4-carbonyl]piperidin-2-yl)methyl]-1-benzofuran-4-carboxamide
InChI	InChI=1S/C26H24FN3O3S/c1-16-29-23(24(34-16)17-8-10-18(27)11-9-17)26(32)30-13-3-2-5-19(30)15-28-25(31)21-6-4-7-22-20(21)12-14-33-22/h4,6-12,14,19H,2-3,5,13,15H2,1H3,(H,28,31)/t19-m/s1
InChI Key	ZJXIUGNEAIHSBI-IBGZPJMESA-N
Canonical SMILES	CC1=NC(=C(S1)C2=CC=C(C=C2)F)C(=O)N3CCCCC3CNC(=O)C4=C5C=COC5=CC=C4
Isomeric SMILES	CC1=NC(=C(S1)C2=CC=C(C=C2)F)C(=O)N3CCCC[C@H]3CNC(=O)C4=C5C=COC5=CC=C4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	SB-649868 can be studied for its effect on the regulation of wakefulness and sleep.
Storage	Store at -20°C, and keep desiccated.



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