

Product Information

TRPV inhibitor GSK-2193874, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ427

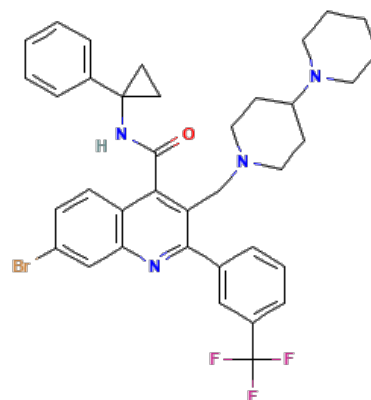
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 1336960-13-4

Compound CID: 53464483

Synonym: 1336960-13-4; TRPV inhibitor; GSK 2193874; GSK2193874

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



Product Information

Description	GSK-2193874, soluble in DMSO and warmed ethanol and insoluble in water, blocks the activity of transient receptor potential vanilloid channels, often used to study pain mechanisms.
Molecular Weight	691.62
Molecular Formula	C ₃₇ H ₃₈ BrF ₃ N ₄ O
IUPAC Name	7-Bromo-N-(1-phenylcyclopropyl)-3-[(4-piperidin-1-yl)piperidin-1-yl)methyl]-2-[3-(trifluoromethyl)phenyl]quinoline-4-carboxamide
InChI	InChI=1S/C37H38BrF3N4O/c38-28-12-13-30-32(23-28)42-34(25-8-7-11-27(22-25)37(39,40)41)31(24-44-20-14-29(15-21-44)45-18-5-2-6-19-45)33(30)35(46)43-36(16-17-36)26-9-3-1-4-10-26/h1,3-4,7-13,22-23,29H,2,5-6,14-21,24H2,(H,43,46)
InChI Key	UIVOZBSCHXCGPS-UHFFFAOYSA-N
Canonical SMILES	C1CCN(CC1)C2CCN(CC2)CC3=C(C4=C(C=C(C=C4)Br)N=C3C5=CC(=CC=C5)C(F)(F)F)C(=O)NC6(CC6)C7=CC=CC=C7
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 95 mg/mL (137.35 mM); Water: Insoluble; Warmed ethanol: 48 mg/mL (69.4 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	GSK-2193874 is a TRPV inhibitor used to study pain perception and inflammation pathways.



Storage

Store at -20°C, and keep desiccated.
