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

Product Information

GPR inhibitor AZD1981, Purity ≥98%

Cat. No.: X24-06-ZQ585

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

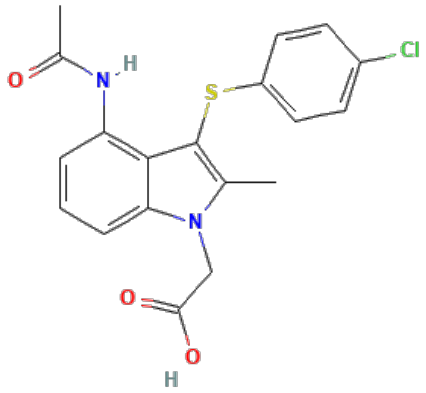
MDL: MFCD26936340

CAS Number: 802904-66-1

Compound CID: 11292191

Synonym: 802904-66-1; GPR inhibitor; AZD-1981; AZD 1981

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



Product Information

Description	AZD1981, soluble in DMSO and insoluble in ethanol and water, is a compound that specifically targets and inhibits G protein-coupled receptors (GPRs), which play a critical role in transmitting signals across cell membranes. It targets CRTh2 (DP2) receptor.
Molecular Weight	388.87
Molecular Formula	$C_{19}H_{17}ClN_2O_3S$
Targets	CRTh2 (DP2) receptor: 4 nM
IUPAC Name	2-[4-Acetamido-3-(4-chlorophenyl)sulfanyl-2-methylindol-1-yl]acetic acid
InChI	InChI=1S/C19H17ClN2O3S/c1-11-19(26-14-8-6-13(20)7-9-14)18-15(21-12(2)23)4-3-5-16(18)22(11)10-17(24)25/h3-9H,10H2,1-2H3,(H,21,23)(H,24,25)
InChI Key	JWYIGNODXSRKGP-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C2=C(C=CC=C2N1CC(=O)O)NC(=O)C)SC3=CC=C(C=C3)Cl
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 9 mg/mL (23.14 mM); Water: Insoluble; Ethanol: Insoluble
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	AZD1981 targets specific receptors in research related to inflammation and asthma management.
Storage	Store at -20ºC, and keep desiccated.

© CD BioGlyco. All Rights Reserved.

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

© CD BioGlyco. All Rights Reserved.