



WAY 316606

Cat. No.:	OB0225WX-1711
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and LC-MS.
Size:	5 mg; 10 mg; 25 mg; 50 mg; 100 mg; 200 mg

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

Product Overview

Description	WAY 316606 is a chemical inhibitor of the secreted protein sFRP-1, which serves as a natural endogenous antagonist to the Wnt glycoprotein.
Synonym	915759-45-4; WAY 316606; 5-(phenylsulfonyl)-N-(piperidin-4-yl)-2-(trifluoromethyl)benzenesulfonamide; ChEMBL495575; 5-(benzenesulfonyl)-N-piperidin-4-yl-2-(trifluoromethyl)benzenesulfonamide; 915759-45-4 (free base); Benzenesulfonamide, 5-(phenylsulfonyl)-N-4-piperidinyl-2-(trifluoromethyl)-; 5-(Phenylsulfonyl)-N-piperidin-4-yl-2-(trifluoromethyl)benzenesulfonamide; Benzenesulfonamide, 5-(phenylsulfonyl)-N-4-piperidinyl-2-(trifluoromethyl)-; 5-(phenylsulfonyl)-N-4-piperidinyl-2-(trifluoromethyl)benzenesulfonamide; 5-(Benzenesulfonyl)-N-(piperidin-4-yl)-2-(trifluoromethyl)benzenesulfonamide
CAS No.	915759-45-4
Compound CID	16727102
Formula	C ₁₈ H ₁₉ F ₃ N ₂ O ₄ S ₂
Formula Weight	448.48

Specification

Targets&IC50	SFRP1: 0.5 μM
Relative Density	1.50 g/cm ³
IUPAC Name	5-(Benzenesulfonyl)-N-piperidin-4-yl-2-(trifluoromethyl)benzenesulfonamide



InChI	InChI=1S/C18H19F3N2O4S2/c19-18(20,21)16-7-6-15(28(24,25)14-4-2-1-3-5-14)12-17(16)29(26,27)23-13-8-10-22-11-9-13/h1-7,12-13,22-23H,8-11H2
InChI Key	ITBGJNVZJBVPLJ-UHFFFAOYSA-N
SMILES string	C1CNCCC1NS(=O)(=O)C2=C(C=CC(=C2)S(=O)(=O)C3=CC=CC=C3)C(F)(F)F
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	WAY 316606 is applied in bone research and dermatology to investigate the inhibition of secreted frizzled-related protein 1 (sFRP-1) and the enhancement of Wnt signaling.

Library Information

Target	Wnt/ β -Catenin
Receptor	sFRP-1
Pathways	Cytoskeletal signaling; Stem cells
Plate Number	AOCL-22
Plate Location	h6
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	50 mg/mL; 111.49 mM
ALogP	2.36
HBA_Count	4
HBD_Count	2
Rotatable Bond	6