

Product Information

BRD-6125, Purity ≥98%

Cat. No.: X24-09-YM1293

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

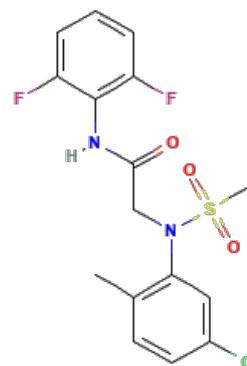
CAS Number: 708219-39-0

Compound CID: 2210370

Synonym: 708219-39-0; BRD-6125;

2-(5-Chloro-2-methyl-*N*-methylsulfonylanilino)-*N*-(2,6-difluorophenyl)acetamide

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



Product Information

Description	BRD-6125, soluble in DMSO and insoluble in water and ethanol, is a small molecule, which promotes expansion of iPS-derived hepatocytes. The molecular weight of the compound is 388.82, and its molecular formula is C ₁₆ H ₁₅ ClF ₂ N ₂ O ₃ S.
Molecular Weight	388.82
Molecular Formula	C ₁₆ H ₁₅ ClF ₂ N ₂ O ₃ S
IUPAC Name	2-(5-Chloro-2-methyl- <i>N</i> -methylsulfonylanilino)- <i>N</i> -(2,6-difluorophenyl)acetamide
InChI	InChI=1S/C16H15ClF2N2O3S/c1-10-6-7-11(17)8-14(10)21(25(2,23)24)9-15(22)20-16-12(18)4-3-5-13(16)19/h3-8H,9H2,1-2H3,(H,20,22)
InChI Key	WAOBCCBUTHNTFO-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=C(C=C1)Cl)N(CC(=O)NC2=C(C=CC=C2F)F)S(=O)(=O)C
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 74 mg/mL (190.31 mM); Water: insoluble; Ethanol: insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	BRD-6125 plays a key role in various cellular processes such as cell growth, proliferation, and survival.
Storage	Store at -20°C, and keep desiccated.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
