

Product Information

BRD-K4477, Purity \geq 98%

Cat. No.: X24-09-YM1287

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

MDL: MFCD00027653

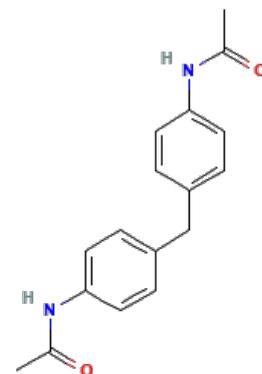
CAS Number: 2719-05-3

Compound CID: 94990

Synonym: 2719-05-3; BRD-K4477; BRDK4477; FH1; *N*

-[4-[(4-Acetamidophenyl)methyl]phenyl]acetamide

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



Product Information

Description	BRD-K4477, soluble in DMSO and insoluble in water and ethanol, promotes the maturation of iPSC-derived hepatocytes. The molecular weight of the compound is 282.34, and its molecular formula is C ₁₇ H ₁₈ N ₂ O ₂ .
Molecular Weight	282.34
Molecular Formula	C ₁₇ H ₁₈ N ₂ O ₂
IUPAC Name	<i>N</i> -[4-[(4-Acetamidophenyl)methyl]phenyl]acetamide
InChI	InChI=1S/C17H18N2O2/c1-12(20)18-16-7-3-14(4-8-16)11-15-5-9-17(10-6-15)19-13(2)21/h3-10H,11H2,1-2H3,(H,18,20)(H,19,21)
InChI Key	OEXMNSOPAKOPEF-UHFFFAOYSA-N
Canonical SMILES	CC(=O)NC1=CC=C(C=C1)CC2=CC=C(C=C2)NC(=O)C
Isomeric SMILES	CN(CCCCCOC1=CC(=C(C=C1)C(=O)C2=CC=C(C=C2)Br)F)CC=C.C(=C/C(=O)O)\C(=O)O
Form	Lyophilized powder
Purity	\geq 98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 55 mg/mL (194.8 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-K4477 plays a key role in disrupting BRD4's interaction with chromatin.
Storage	Store at -20°C, and keep desiccated.

