



Product Information

Hydroxylase inhibitor, Rodatristat, Purity ≥98%

Cat. No.: X24-09-YM125

Size: 1 mg; 5 mg; 10 mg; 20 mg

CAS Number: 1673568-73-4

Compound CID: 117947705

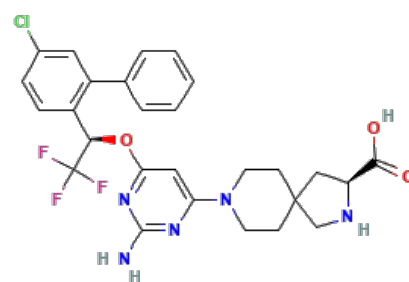
Synonym: 1673568-73-4; KAR5417; KAR-5417; KAR 5417;

(3S)-8-[2-Amino-6-[(1R

)-1-(4-chloro-2-phenylphenyl)-2,2,2-trifluoroethoxy]pyrimidin-4-yl]-2,8-diazaspiro[4.5]d

ecane-3-carboxylic acid; Hydroxylase inhibitor

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



Product Information

Description	Rodatristat is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting hydroxylases. The molecular weight of the compound is 561.98, and its molecular formula is C ₂₇ H ₂₇ ClF ₃ N ₅ O ₃ .
Molecular Weight	561.98
Molecular Formula	C ₂₇ H ₂₇ ClF ₃ N ₅ O ₃
IUPAC Name	(3S)-8-[2-Amino-6-[(1R)-1-(4-chloro-2-phenylphenyl)-2,2,2-trifluoroethoxy]pyrimidin-4-yl]-2,8-diazaspiro[4.5]decane-3-carboxylic acid
InChI	InChI=1S/C27H27ClF3N5O3/c28-17-6-7-18(19(12-17)16-4-2-1-3-5-16)23(27(29,30)31)39-22-13-21(34-25(32)35-22)36-10-8-26(9-11-36)14-20(24(37)38)33-15-26/h1-7,12-13,20,23,33H,8-11,14-15H2,(H,37,38)(H2,32,34,35)/t20-,23+/m0/s1
InChI Key	ZNSPHKJFQDEABI-NZQKXSOJSA-N
Canonical SMILES	C1CN(CCC12CC(NC2)C(=O)O)C3=CC(=NC(=N3)N)OC(C4=C(C=C(C=C4)Cl)C5=CC=CC=C5)C(F)(F)F
Isomeric SMILES	CCOC(=O)[C@@H]1CC2(CCN(CC2)C3=CC(=NC(=N3)N)O[C@H](C4=C(C=C(C=C4)Cl)C5=CC=CC=C5)C(F)(F)F)CN1
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.



Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Rodatristat can be studied extensively for its potential therapeutic applications in the treatment of symptoms associated with excessive serotonin production.
Storage	Store at -20°C, and keep desiccated.
