



Product Information

Hydroxylase inhibitor, LX 1606 hippurate, Purity ≥98%

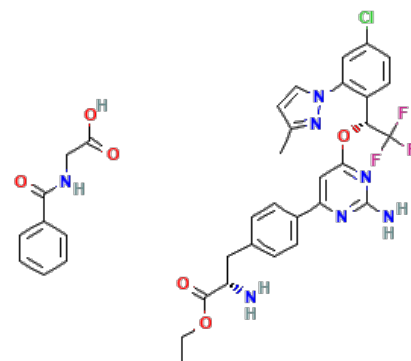
Cat. No.: X24-09-YM111

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1137608-69-5

Compound CID: 25253377

Synonym: 1137608-69-5; Telotristat etiprate; LX 1032; 2-Benzamidoacetic acid; ethyl (2S)-2-amino-3-[4-[2-amino-6-[(1R)-1-[4-chloro-2-(3-methylpyrazol-1-yl)phenyl]-2,2,2-trifluoroethoxy]pyrimidin-4-yl]phenyl]propanoate; Hydroxylase inhibitor



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

Product Information

Description	LX 1606 hippurate, soluble in DMSO and insoluble in water and ethanol, 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 754.2, and its molecular formula is C ₃₆ H ₃₅ ClF ₃ N ₇ O ₆ .
Molecular Weight	754.2
Molecular Formula	C ₃₆ H ₃₅ ClF ₃ N ₇ O ₆
IUPAC Name	2-Benzamidoacetic acid;ethyl (2S)-2-amino-3-[4-[2-amino-6-[(1R)-1-[4-chloro-2-(3-methylpyrazol-1-yl)phenyl]-2,2,2-trifluoroethoxy]pyrimidin-4-yl]phenyl]propanoate
InChI	InChI=1S/C27H26ClF3N6O3.C9H9NO3/c1-3-39-25(38)20(32)12-16-4-6-17(7-5-16)21-14-23(35-26(33)34-21)40-24(27(29,30)31)19-9-8-18(28)13-22(19)37-11-10-15(2)36-37;11-8(12)6-10-9(13)7-4-2-1-3-5-7/h4-11,13-14,20,24H,3,12,32H2,1-2H3,(H2,33,34,35);1-5H,6H2,(H,10,13)(H,11,12)/t20-,24+;/m0./s1
InChI Key	XSFPZBUIBYMVEA-CELUQASASA-N
Canonical SMILES	CCOC(=O)C(CC1=CC=C(C=C1)C2=CC(=NC(=N2)N)OC(C3=C(C=C(C=C3)Cl)N4C=CC(=N4)C)C(F)(F)F)N.C1=CC=C(C=C1)C(=O)NCC(=O)O
Isomeric SMILES	C1CC2=C(C[C@H]1N3C(=CNC3=S)CN)C=C(C=C2F)F.Cl
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 93 mg/mL (123.31 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	LX 1606 hippurate plays a key role in enhancing anti-tumor immune responses.
Storage	Store at -20°C, and keep desiccated.
