

Product Information

Hydroxylase inhibitor, LX 1606, Purity ≥98%

Cat. No.: X24-09-YM116

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

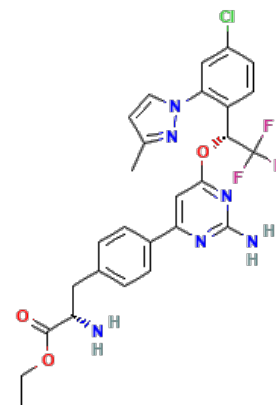
MDL: MFCD18251583

CAS Number: 1033805-22-9

Compound CID: 25181577

Synonym: 1033805-22-9; LX1606; Xermelo; LX-1606; LX 1032; 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 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 575, and its molecular formula is C ₂₇ H ₂₆ ClF ₃ N ₆ O ₃ .
Molecular Weight	575
Molecular Formula	C ₂₇ H ₂₆ ClF ₃ N ₆ O ₃
IUPAC Name	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/c1-3-39-25(38)20(32)12-16-4-6-17(7-5-16)21-14-23(35-26(33)34-21)4-0-24(27(29,30)31)19-9-8-18(28)13-22(19)37-11-10-15(2)36-37/h4-11,13-14,20,24H,3,12,32H2,1-2H3,(H2,33,34,35)/t20-,24+/m0/s1
InChI Key	MDSQOJYHHZBZKA-GBXCKJPGSA-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
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	LX 1606 plays a key role in helping tumors evade immune surveillance.
Storage	Store at -20°C, and keep desiccated.
