

## Product Information

### Hydroxylase inhibitor, LP-533401, Purity ≥98%

**Cat. No.:** X24-09-YM122

**Size:** 5 mg; 10 mg; 20 mg; 50 mg

**CAS Number:** 945976-43-2

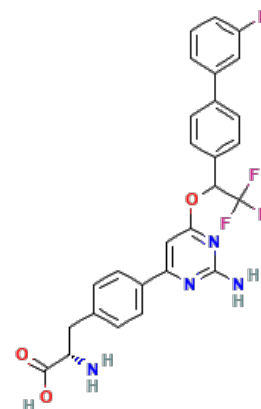
**Compound CID:** 44560455

**Synonym:** 945976-43-2; LP 533401; LP533401;

(2S

)-2-Amino-3-[4-[2-amino-6-[2,2,2-trifluoro-1-[4-(3-fluorophenyl)phenyl]ethoxy]pyrimidin

-4-yl]phenyl]propanoic acid; Hydroxylase inhibitor



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

#### Product Information

<b>Description</b>	LP-533401 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 526.5, and its molecular formula is C <sub>27</sub> H <sub>22</sub> F <sub>4</sub> N <sub>4</sub> O <sub>3</sub> .
<b>Molecular Weight</b>	526.5
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>22</sub> F <sub>4</sub> N <sub>4</sub> O <sub>3</sub>
<b>IUPAC Name</b>	(2S)-2-Amino-3-[4-[2-amino-6-[2,2,2-trifluoro-1-[4-(3-fluorophenyl)phenyl]ethoxy]pyrimidin-4-yl]phenyl]propanoic acid
<b>InChI</b>	InChI=1S/C27H22F4N4O3/c28-20-3-1-2-19(13-20)16-8-10-18(11-9-16)24(27(29,30)31)38-23-14-22(34-26(33)35-23)17-6-4-15(5-7-17)12-21(32)25(36)37/h1-11,13-14,21,24H,12,32H2,(H,36,37)(H2,33,34,35)/t21-,24?/m0/s1
<b>InChI Key</b>	JZWUKILTKYJLCN-XEGCMXMSA-N
<b>Canonical SMILES</b>	C1=CC(=CC(=C1)F)C2=CC=C(C=C2)C(C(F)(F)F)OC3=NC(=NC(=C3)C4=CC=C(C=C4)CC(C(=O)O)N)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade



**Applications**

LP-533401 can be studied extensively for its potential therapeutic applications in the treatment of autoimmune conditions by modulating immune responses.

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**Storage**

Store at -20°C, and keep desiccated.

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