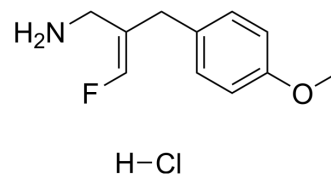


## LJP 1586

Cat. No.:	HY-111016
CAS No.:	955037-42-0
Molecular Formula:	C <sub>11</sub> H <sub>15</sub> ClFNO
Molecular Weight:	231.69
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	LJP 1586 is an amine-based inhibitor of semicarbazide-sensitive amine oxidase (SSAO) activity. LJP 1586 is an orally active, potent and selective inhibitor of rodent and human SSAO activity, with IC <sub>50</sub> values between 4 and 43 nM <sup>[1]</sup> .
<b>In Vivo</b>	LJP 1586 (0-10mg/kg, orally) shows complete inhibition of rat lung SSAO, with an ED <sub>50</sub> between 0.1 and 1 mg/kg, and a pharmacodynamic half-life of greater than 24 h <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. O'Rourke AM, et al. Anti-inflammatory effects of LJP 1586 [Z-3-fluoro-2-(4-methoxybenzyl)allylamine hydrochloride], an amine-based inhibitor of semicarbazide-sensitive amine oxidase activity. J Pharmacol Exp Ther. 2008 Feb;324(2):867-75.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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