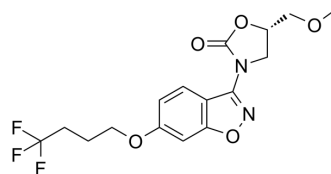


SL-25.1188

Cat. No.:	HY-117502
CAS No.:	185835-97-6
Molecular Formula:	C ₁₆ H ₁₇ F ₃ N ₂ O ₅
Molecular Weight:	374.31
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SL-25.1188 is a potent monoamine oxidase B (MAO-B) inhibitor with K _i values of 2.9 and 8.5 nM for human MAO-B and rat MAO-B, respectively. SL-25.1188 can be used for positron emission tomography ^[1] .	
IC₅₀ & Target	hMAO-B 2.9 nM (K _i)	rMAO-B 8.5 nM (K _i)

REFERENCES

[1]. Saba W, et, al. [(11C)SL25.1188, a new reversible radioligand to study the monoamine oxidase type B with PET: preclinical characterisation in nonhuman primate. Synapse. 2010 Jan;64(1):61-9.

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

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