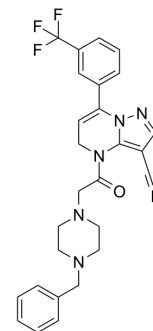


CL-275838

Cat. No.:	HY-19146
CAS No.:	115931-65-2
Molecular Formula:	C ₂₇ H ₂₅ F ₃ N ₆ O
Molecular Weight:	506.52
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CL-275838 is a memory-enhancing agent, also with potent antidepressant activities.
In Vivo	CL 275,838 metabolism has sex-dependent differences in rat. CL 275,838 does not appreciably affect its own oxidation or cause significant hepatic microsomal enzyme induction in the male or female rat, except for slight enhancement of some components of the P450 system at doses (300 mg/kg once daily for 7 days) well above the effective pharmacological range ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ferrarese A, et al. Hepatic microsomal metabolism of the potential memory-enhancing agent, CL 275,838, to its desbenzyl derivative. *Xenobiotica*. 1993 Sep;23(9):1007-16.

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

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