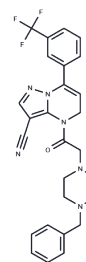


CL-275838

## Chemical Properties

CAS No. : 115931-65-2  
 Formula: C<sub>27</sub>H<sub>25</sub>F<sub>3</sub>N<sub>6</sub>O  
 Molecular Weight: 506.52  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	CL-275838 is a compound of memory-enhancing with potent antidepressant activities.
Targets(IC50)	Others
In vivo	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, CL 275,838 does not appreciably affect its own oxidation or cause significant hepatic microsomal enzyme induction in the male or female rat. CL 275,838 metabolism has sex-dependent differences in rats.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9743 mL	9.8713 mL	19.7426 mL
5 mM	0.3949 mL	1.9743 mL	3.9485 mL
10 mM	0.1974 mL	0.9871 mL	1.9743 mL
50 mM	0.0395 mL	0.1974 mL	0.3949 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

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