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**Product Data Sheet**

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Product Name: CL-275838

Cat. No.: GC31045

**Chemical Properties**

Cas. No. 115931-65-2

SMILES N#CC1=C2N(C(CN3CCN(CC4=CC=CC=C4)CC3)=O)CC=C(C5=CC=CC(C(F)(F)F)=C5)N2N=C1Formula C<sub>27</sub>H<sub>25</sub>F<sub>3</sub>N<sub>6</sub>O M.Wt 506.52

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

CL-275838 is a memory-enhancing agent, also with potent antidepressant activities.

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].

[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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