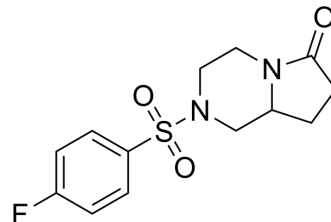


## Unifiram

Cat. No.:	HY-125931
CAS No.:	272786-64-8
Molecular Formula:	C <sub>13</sub> H <sub>15</sub> FN <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	298.33
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Unifiram (DM232) acts as a potent cognition enhancer through the activation of the AMPA-mediated neurotransmission system. Unifiram (DM232) has the potential for amnesia prevention and neurodegenerative disorder research<sup>[1][2]</sup>.

### REFERENCES

[1]. Elisabetta Martini, et al. Design, synthesis and preliminary pharmacological evaluation of new analogues of DM232 (unifiram) and DM235 (sunifiram) as cognition modulators. *Bioorg Med Chem*. 2008 Dec 1;16(23):10034-42.

[2]. N Galeotti, et al. AMPA-receptor activation is involved in the anti-amnesic effect of DM 232 (unifiram) and DM 235 (sunifiram). *Naunyn Schmiedebergs Arch Pharmacol*

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

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