



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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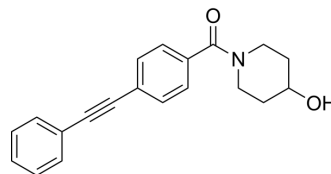
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VU0092273

Cat. No.:	HY-19623
CAS No.:	393110-43-5
Molecular Formula:	C ₂₀ H ₁₉ NO ₂
Molecular Weight:	305.37
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VU0092273 is a potent mGlu5 positive allosteric modulator (PAM) that also binds to the MPEP site, with an EC ₅₀ of 0.27 μM ^[1] [2].
IC ₅₀ & Target	mGlu ₅ 0.27 μM (EC ₅₀)

REFERENCES

[1]. Douglas J Sheffler, et al. Development of a novel, CNS-penetrant, metabotropic glutamate receptor 3 (mGlu3) NAM probe (ML289) derived from a closely related mGlu5 PAM. *Bioorg Med Chem Lett*. 2012 Jun 15;22(12):3921-5.

[2]. Alice L Rodriguez, et al. Discovery of novel allosteric modulators of metabotropic glutamate receptor subtype 5 reveals chemical and functional diversity and in vivo activity in rat behavioral models of anxiolytic and antipsychotic activity. *Mol Pharmacol*. 2010 Dec;78(6):1105-23.

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

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