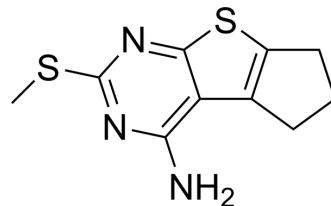


VU0029251

Cat. No.:	HY-125717
CAS No.:	330819-85-7
Molecular Formula:	C ₁₀ H ₁₁ N ₃ S ₂
Molecular Weight:	237.34
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	VU0029251 is a mGluR5 partial antagonist (K _i : 1.07 μM). VU0029251 inhibits glutamate induced calcium mobilization in HEK293 cell membranes expressing rat mGluR5 (IC ₅₀ : 1.7 μM) ^[1] .
IC ₅₀ & Target	mGluR5 ^[1] .

REFERENCES

[1]. Rodriguez, A.L., 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.* 78(6), 1105-1123 (2010).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA