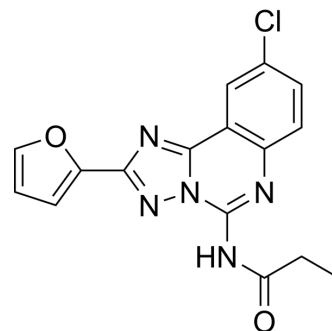


MRS1186

Cat. No.:	HY-118678
CAS No.:	183721-03-1
Molecular Formula:	C ₁₆ H ₁₂ ClN ₅ O ₂
Molecular Weight:	341.75
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MRS1186 is a potent and selective human Adenosine A3 receptor (hA ₃ AR) antagonist, with a K _i of 7.66 nM.
IC ₅₀ & Target	Ki: 7.66 nM (hA ₃ AR) ^[1] .
In Vitro	MRS1186 (compound 2d) is a potent and selective human Adenosine A3 receptor (hA ₃ AR) antagonist, with a K _i of 7.66 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Tafi A, et al. Pharmacophore based receptor modeling: the case of adenosine A3 receptor antagonists. An approach to the optimization of protein models. J Med Chem. 2006 Jul 13;49(14):4085-97.

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

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