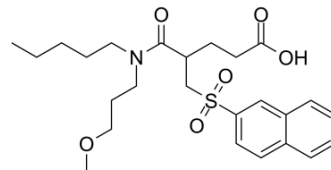


CCK-A receptor inhibitor 1

Cat. No.:	HY-U00387
CAS No.:	137004-80-9
Molecular Formula:	C ₂₅ H ₃₅ NO ₆ S
Molecular Weight:	477.61
Target:	Cholecystokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	CCK-A receptor inhibitor 1 is a cholecystokinin A (CCK-A) receptor inhibitor with a binding IC ₅₀ of 340 nM.
IC ₅₀ & Target	IC ₅₀ : 340 nM (CCK-A receptor) ^[1]
In Vitro	CCK-A receptor inhibitor 1 (Compound 7c) is a naphthyl sulfone derivative, which is synthesized and tested for cholecystokinin A (CCK-A) receptor inhibitory activity in order to study structure-activity relationships. Significant CCK-A receptor inhibitory activities are found in CCK-A receptor inhibitor 1 having very hydrophobic sidechains ^[1] .

REFERENCES

[1]. Ajisawa Y, et al. [Studies on the synthesis of cholecystokinin A receptor antagonists. III. Synthesis and cholecystokinin A receptor inhibitory activities of naphthyl sulfone derivatives]. Yakugaku Zasshi. 1996 Aug;116(8):647-56.

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

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