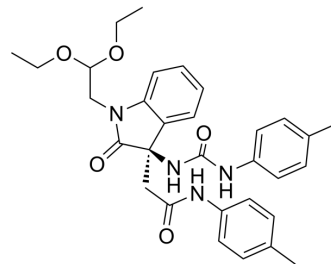


AG-041R

Cat. No.:	HY-125314
CAS No.:	159883-95-1
Molecular Formula:	C ₃₁ H ₃₆ N ₄ O ₅
Molecular Weight:	544.64
Target:	Cholecystokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AG-041R is a potent and selective CCK2 Receptor/Gastrin antagonist. AG-041R inhibits gastrin-evoked secretion of pancreastatin with an IC₅₀ of 2.2 nM. AG-041R inhibits cell growth of Mastomys ECL carcinoid tumor cells^{[1][2]}.

REFERENCES

[1]. Ding XQ, et al. Evaluation of three novel cholecystokinin-B/gastrin receptor antagonists: a study of their effects on rat stomach enterochromaffin-like cell activity. *Pharmacol Toxicol.* 1997 Nov;81(5):232-7.

[2]. Lindström, E., et al. Pharmacological analysis of CCK2 receptor antagonists using isolated rat stomach ECL cells. *Br. J. Pharmacol.* 127(2), 530-536 (1999).

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