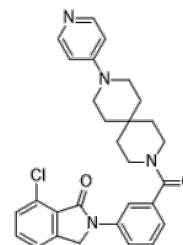


Product Name : ELN441958
Cat. No. : PC-26908
CAS No. : 913064-47-8
Molecular Formula : C₂₉H₂₉ClN₄O₂
Molecular Weight : 501.03
Target : Bradykinin Receptor
Solubility : 10 mM in DMSO



Biological Activity

ELN441958 is a potent, selective Bradykinin B1 receptor (B1R) antagonist with K_i of 0.26 nM, highly selective for B1 over B2 receptors.

ELN441958 is up to 120-fold more potent at primate than at rodent B1 receptors.

ELN441958 potently antagonized DAKD (but not bradykinin)-induced calcium mobilization in IMR-90 cells.

ELN441958 dose-dependently reduced carrageenan-induced thermal hyperalgesia in a rhesus monkey tail-withdrawal model, with an ED₅₀ ~3 mg/kg s.c. in primate pain model.

References

Hawkinson JE, et al. J Pharmacol Exp Ther. 2007 Aug;322(2):619-30.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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