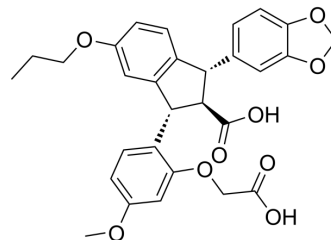


SB-209670

Cat. No.:	HY-19210
CAS No.:	157659-79-5
Molecular Formula:	C ₂₉ H ₂₈ O ₉
Molecular Weight:	520.53
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SB-209670 is an extremely potent and highly specific non-peptide, subnanomolar endothelin (ET) receptor antagonist. SB 209670 selectively inhibits binding of ¹²⁵I-labeled ET-1 to cloned human ET receptor subtypes ETA and ETB (K_i=0.2 and 18 nM, respectively). SB 209670 produces a dose-dependent reduction in blood pressure in hypertensive rats, protects from ischemia-induced neuronal degeneration in a gerbil stroke model, and attenuates neointima formation following rat carotid artery balloon angioplasty^[1].

REFERENCES

[1]. E H Ohlstein, et al. SB 209670, a rationally designed potent nonpeptide endothelin receptor antagonist. Proc Natl Acad Sci U S A. 1994 Aug 16;91(17):8052-6.

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

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