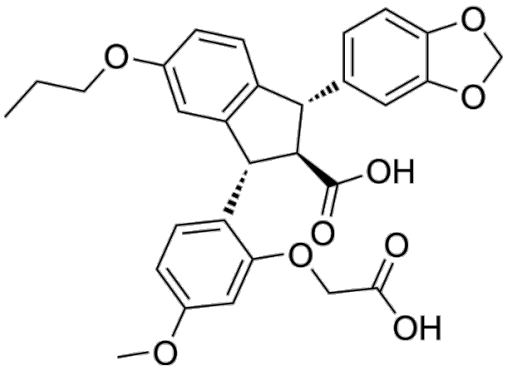
Product Data Sheet

Product Name: SB-209670
Cat. No.: GC71536

Chemical Properties

Cas. No.	157659-79-5		
Formula	$C_{29}H_{28}O_9$	M.Wt	520.53
Solubility		Storage	
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

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 (Ki=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.

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

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