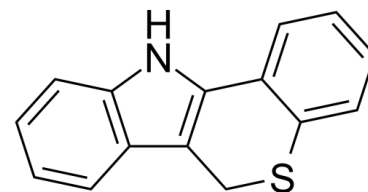


Data Sheet

Product Name:	PD146176
Cat. No.:	CS-0024982
CAS No.:	4079-26-9
Molecular Formula:	C ₁₅ H ₁₁ NS
Molecular Weight:	237.32
Target:	Autophagy
Pathway:	Autophagy
Solubility:	DMSO : 100 mg/mL (421.37 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

PD146176 (NSC168807) is a **15-Lipoxygenase (15-LO)** inhibitor, which inhibits rabbit reticulocyte 15-LO with a K_i of 197 nM. PD146176 (NSC168807) has a dramatic effect in reducing atherogenesis^[1]. IC₅₀ & Target: K_i : 197 nM (Rabbit reticulocyte 15-LO)^[1]

References:

[1]. Sendobry SM, et al. Attenuation of diet-induced atherosclerosis in rabbits with a highly selective 15-lipoxygenase inhibitor lacking significant antioxidant properties. Br J Pharmacol. 1997 Apr;120(7):1199-206.

CAIndexNames:

[1]Benzothiopyrano[4,3-b]indole, 6,11-dihydro-

SMILES:

C1(N2)=C(CSC3=CC=CC=C31)C4=C2C=CC=C4

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA