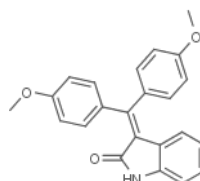


Product Name : TAS-301
Synonyms : TAS-301, TAS301, TAS301
Cat No. : M17406
CAS Number : 193620-69-8
Molecular Formula : C₂₃H₁₉NO₃
Formula Weight : 357.4
Chemical Name : 3-[Bis(4-methoxyphenyl)methylene]-1,3-dihydro-2H-indol-2-one



Description : TAS-301 is a potent and selective constrictive remodeling regulator on renarrowing after balloon overstretch injury of porcine coronary artery. TAS-103 inhibits smooth muscle cell migration and proliferation. TAS-103 inhibits intimal thickening after balloon injury to rat carotid arteries. TAS-301 blocks receptor-operated calcium influx and inhibits rat vascular smooth muscle cell proliferation induced by basic fibroblast growth factor and platelet-derived growth factor. TAS-103 inhibits calcium-dependent signal transduction and cytoskeletal reorganization.

Pathway : Metabolic Enzyme/Protease

Target : IDO

Receptor : PKC

Solubility : DMSO : ≥ 38 mg/mL; 106.32 mM

SMILES : O=C1Nc2c(C1=C(c1ccc(OC)cc1)c1ccc(OC)cc1)cccc2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Muranaka Y, et al. J Pharmacol Exp Ther. 1998 Jun;285(3):1280-1286.