

Product Name	: SCH-37370
Synonyms	: SCH 37370; SCH37370
Cat No.	: M23344
CAS Number	: 117796-52-8
Molecular Formula	: C ₂₁ H ₂₁ ClN ₂ O
Formula Weight	: 352.9
Chemical Name	: —
Description	SCH-37370 is an effective and orally active dual antagonist of platelet-activating factor and histamine. Sch 37370 blocks the binding of [3H]pyrilamine to histamine-H1 receptors in rat brain membranes. Sch 37370 selectively inhibits PAF-induced aggregation of human platelets (IC ₅₀ : 0.6 mM) and also competes with PAF binding to specific sites in membrane preparations from human lungs (IC ₅₀ : 1.2 mM).
Pathway	: Others
Target	: Other Targets
Receptor	: PAF
Solubility	: DMSO:Soluble
SMILES	: <chem>CC(N(CC1)CCC1=C(c(cc1)c(CC2)cc1Cl)c1c2cccn1)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Kaminski JJ, Caruthers NI, Wong SC, Chan TM, Billah MM, Tozzi S, McPhail AT. Conformational considerations in the design of dual antagonists of platelet-activating factor (PAF) and histamine. Bioorg Med Chem. 1999 Jul;7(7):1413-23. PubMed PMID: 10465415.