

Product Data Sheet

Product Name: AG 1295

Cat. No.: GC38645

Chemical Properties

Cas. No. 71897-07-9

SMILES CC1=C(C)C=C2N=CC(C3=CC=CC=C3)=NC2=C1

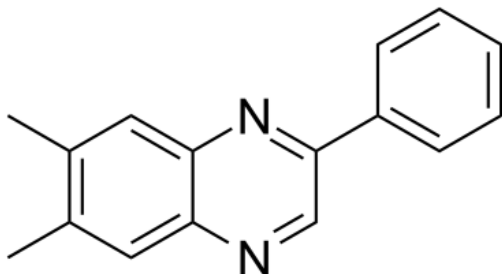
Formula $C_{16}H_{14}N_2$ M.Wt 234.3

Solubility DMSO: 62.5 mg/mL (266.75 mM) Storage Store at -20°C

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

AG 1295 is a selective platelet-derived growth factor receptor (PDGFR) tyrosine-kinase inhibitor. AG 1295 reduces neointimal formation in aortic allograft vasculopathy by inhibition of PDGFR-beta-triggered tyrosine phosphorylation[1][2].

[1]. Zheng Y, et al. Platelet-derived growth factor receptor kinase inhibitor AG1295 and inhibition of experimental proliferative vitreoretinopathy. Jpn J Ophthalmol. 2003 Mar-Apr;47(2):158-65. [2]. Inhibition of aortic allograft vasculopathy by local delivery of platelet-derived growth factor receptor

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

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tyrosine-kinase blocker AG-1295. Transplantation. 2002 Nov 15;74(9):1335-41.

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