

Product Data Sheet

Product Name: WHI-P258

Cat. No.: GC40740

Chemical Properties

Cas. No. 21561-09-1

SMILES COC1=C(OC)C=C(C(=C2C=CC(=C2)N=C3C=CC(=C3)N)C3=C1

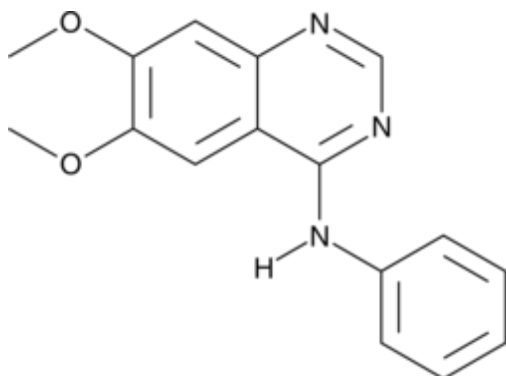
Formula C₁₆H₁₅N₃O₂ M.Wt 281.3

Solubility DMF: 25 mg/ml, DMF:PBS(pH 7.2) Storage Store at -20°C
(1:1): 0.5 mg/ml, DMSO: 15 mg/ml

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

WHI-P258 is a quinazoline compound that modeling studies suggested would bind to the active site of JAK3 with an estimated K_i value of 72 μ M. However, it is inactive at JAK3 ($IC_{50} = >300 \mu$ M) and has been used as a negative control for structurally similar compounds that inhibit platelet aggregation and herpes simplex virus 1 (HSV-1) replication.

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

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