

Product Data Sheet

Product Name: A2B receptor antagonist 2

Cat. No.: GC62820

Chemical Properties

Cas. No. 784-90-7

Formula $C_{12}H_{15}N_5$

M.Wt 229.28

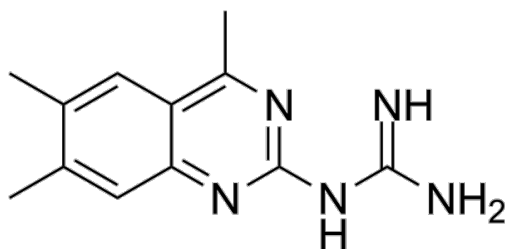
Solubility Methanol : 5 mg/mL (21.81 mM;
ultrasonic and warming and heat to
60°C)|DMSO : 2 mg/mL (8.72 mM;
ultrasonic and warming and heat to
60°C)

Storage 4°C, protect from light

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



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

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Background

A2B receptor antagonist 2 (compound 18) is an adenosine receptor A2B antagonist, with K_i values of 2.30 μM , 6.8 μM and 3.44 μM for rA1, rA2A and hA2B, respectively[1].

[1]. Thomas R Webb, et al. Quinazolines as adenosine receptor antagonists: SAR and selectivity for A2B receptors. Bioorg Med Chem. 2003 Jan 2;11(1):77-85.

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