
Product Data Sheet

Product Name: Adenosine antagonist-1

Cat. No.: GC35249

Chemical Properties

Cas. No. 431040-19-6

SMILES N#CC1=CC=CC(C2=C(N3C=CN=C3C)SC(NC4=NC=CN=C4)=N2)=C1Formula $C_{18}H_{13}N_7S$ M.Wt 359.41

Solubility Soluble in DMSO 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**

Adenosine antagonist-1 is an adenosine A3 receptor (AA3R) antagonist. AA3R[1]

Adenosine antagonist-1 (compound 22) is an adenosine A3 receptor (AA3R) antagonist.

[1]. de Graaf C, et al. Molecular modeling of the second extracellular loop of G-protein coupled receptors and its implication on structure-based virtual screenin. Proteins. 2008 May 1;71(2):599-620.

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

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