

Product Data Sheet

Product Name: 8-(p-Sulfophenyl)theophylline

Cat. No.: GC80404

Chemical Properties

Cas. No. 80206-91-3

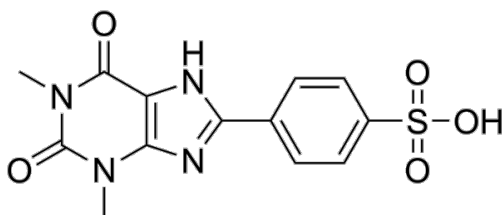
Formula $C_{13}H_{12}N_4O_5S$ M.Wt 336.32

Solubility 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

8-(p-Sulfophenyl)theophylline (8-SPT) (compound 2) is an adenosine A2B receptor antagonist, with a K_i of 1330 nM for A2B human recombinant [1].

References:

[1]. Yan L, et al. A new synthesis of sulfonamides by aminolysis of p-nitrophenylsulfonates yielding potent and selective adenosine A2B receptor antagonists. J Med Chem. 2006 Jul 13;49(14):4384-91.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA