

Product Data Sheet

Product Name: 8-Bromotheophylline

Cat. No.: GD03615

Chemical Properties

Cas. No. 10381-75-6

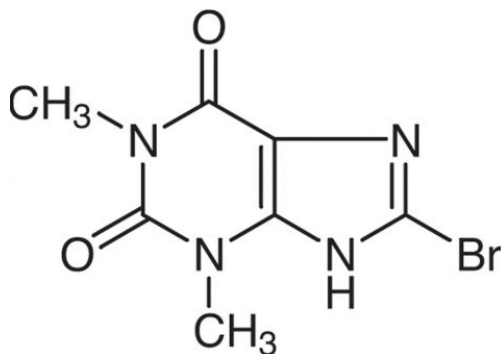
Formula M.Wt

Solubility DMSO : 25 mg/mL (96.50 mM; Need ultrasonic) Storage

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-Bromotheophylline can be used for the synthesis of the Oxazolo[2,3-f]purinediones, which are evaluated for their affinity at adenosine A1 and A2A receptors.

[1]. Drabczyńska A, et al. Tricyclic oxazolo[2,3-f]purinediones: potency as adenosine receptor ligands and anticonvulsants. Bioorg Med Chem. 2004;12(18):4895-4908.

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

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