
Product Data Sheet

Product Name: Xanthine amine congener hydrochloride

Cat. No.: GC64546

Chemical Properties

Cas. No. 1783977-95-6

Formula C₂₁H₂₉CIN₆O₄

M.Wt 464.95

Solubility DMSO : 20.83 mg/mL (44.80 mM); ultrasonic and warming and heat to 60°C)

Storage 4°C, away from moisture and 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

Background

Xanthine amine congener (XAC) hydrochloride is a non-selective adenosine receptor antagonist. Xanthine amine congener hydrochloride induces convulsions in mice[1].

[1]. Ukena D, et al. Functionalized congeners of 1,3-dipropyl-8-phenylxanthine: potent antagonists for adenosine receptors that modulate membrane adenylate cyclase in pheochromocytoma cells, platelets and fat cells. Life Sci. 1986 Mar 3;38(9):797-807.

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

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