
Product Data Sheet

Product Name: T16A(inh)-C01

Cat. No.: GC65406

Chemical Properties

Cas. No. 171506-87-9

Formula C18H16O5

M.Wt 312.32

Solubility DMSO : ≥ 100 mg/mL (320.18 mM)

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**

T16A(inh)-C01 is an inhibitor of TMEM16A (ANO1). T16A(inh)-C01 blocks chloride channel mediated by ANO1 with an IC50 of 8.4 μ M, without interfering with calcium signaling[1].

[1]. Namkung W, et al. TMEM16A inhibitors reveal TMEM16A as a minor component of calcium-activated chloride channel conductance in airway and intestinal epithelial cells. J Biol Chem. 2011 Jan 21. 286(3):2365-74.

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

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