

Product Data Sheet

Product Name: BMS-192364

Cat. No.: GC70402

Chemical Properties

Cas. No. 202822-21-7

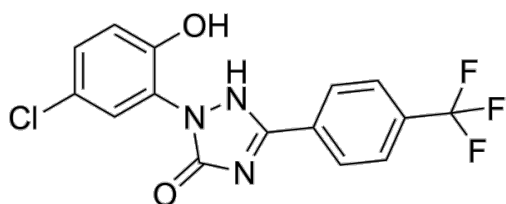
Formula $C_{15}H_9ClF_3N_3O_2$ M.Wt 355.7

Solubility DMSO : 100 mg/mL (281.14 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

BMS-192364 is targeting the Gα-RGS interaction to produce an inactive Gα-RGS complex. BMS-192364 reduces urinary bladder contraction and exert RGS-agonist properties by increasing the action of GAPs on Gq proteins. BMS-192364 inhibits calcium flux.

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

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References:

- [1]. Kevin Fitzgerald, et al. Chemical genetics reveals an RGS/G-protein role in the action of a compound. PLoS Genet. 2006 Apr;2(4):e57.
- [2]. Maciej Salaga, et al. RGS proteins as targets in the treatment of intestinal inflammation and visceral pain: New insights and future perspectives. Bioessays. 2016 Apr;38(4):344-54.
- [3]. David P Basile, et al. A GAP in our knowledge of vascular signaling in acute kidney injury. Kidney Int. 2011 Aug;80(3):233-5.

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