
Product Data Sheet

Product Name: Obafistat
Cat. No.: GC63480

Chemical Properties

Cas. No. 2160582-57-8

Formula $C_{15}H_{16}FN_5O_3S$

M.Wt 365.38

Solubility DMSO : 62.5 mg/mL (171.05 mM; ultrasonic and warming and heat to 60°C)

Storage 4°C, protect from 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

Obafistat is a potent aldo-keto reductase AKR1C3 inhibitor with an IC50 of 1.2 nM for human AKR1C3 (patent WO2017202817A1, example 4)[1].

[1]. Marcus Koppitz, et al. [8-(phenylsulfonyl)-3,8-diazabicyclo[3.2.1]oct-3-yl] (1h-1,2,3-triazol-4-yl)methanones. WO2017202817A1.

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

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