

Product Data Sheet

Product Name: AC-263093

Cat. No.: GF17153

Chemical Properties

Cas. No. 849459-86-5

Formula C₈H₈Br₂N₄

M.Wt 319.988

Solubility DMSO : 125 mg/mL (390.65 mM;
Need ultrasonic)

Storage -20°C, sealed storage, away from
moisture

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

AC-263093 (AC-093) functionally activates NPFFR2 and blocks activation of NPFFR1 with pK_is of 6.9 and 7.0, respectively. AC-263093 has the potential for reversing opiate tolerance research. .

AC-263093 (10 mg/kg; i.p.) totally reverses the tolerance to Morphine Sulfate in rats ^[1].

[1]. David H Malin, et al. Reversal of morphine tolerance by a compound with NPFF receptor subtype-selective actions. Neurosci Lett. 2015 Jan 1:584:141-5.

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

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