

Product Data Sheet

Product Name: BMS905

Cat. No.: GC71229

Chemical Properties

Cas. No. 2205846-49-5

Formula $C_{23}H_{29}N_3$ M.Wt 347.5

Solubility DMSO : 12.5 mg/mL (35.97 mM);
ultrasonic and warming and heat to
60°C; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage

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.

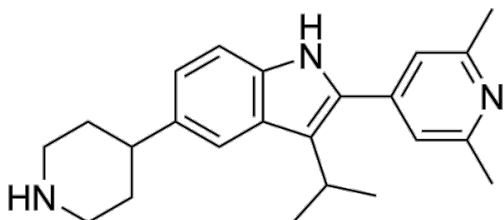
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

BMS905 is an orally active TLR7 and TLR8 dual inhibitor (IC₅₀s: 0.7 and 3.2 nM respectively). BMS905 inhibits TLR7 or TLR8 induced IL-6 production in human/mouse whole blood. BMS905 can be used for research of lupus.

References:

[1]. Sreekantha RK, et al. Identification of 2-Pyridinylindole-Based Dual Antagonists of Toll-like Receptors 7 and 8 (TLR7/8). ACS Med Chem Lett. 2022 Apr 25;13(5):812-818.

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