

Product Data Sheet

Product Name: BI-6901
Cat. No.: GC62412

Chemical Properties

Cas. No. 2040401-92-9

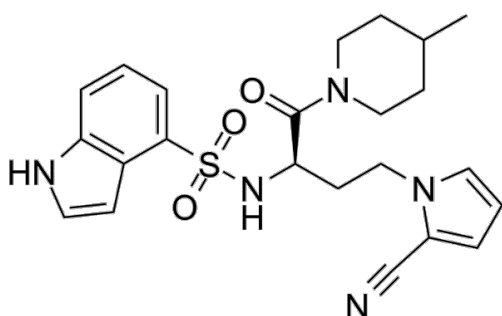
Formula $C_{23}H_{27}N_5O_3S$ M.Wt 453.56

Solubility DMSO : 160 mg/mL (352.76 mM; Need ultrasonic) 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

BI 6901 is a potent, selective CCR10 antagonist ($pIC_{50}=9.0$). BI 6901 shows high selectivity over other GPCRs, including a number of other chemokine receptors. BI 6901 is efficacious in the murine

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

Product Data Sheet

DNFB model of contact hypersensitivity and can be used for inflammation research[1].

BI-6901 (intraperitoneal injection; 100 mg/kg; bid.) exhibits a dose-dependent anti-inflammatory response against DNFB stimulated ear swelling in sensitized mice. The level of efficacy observed for BI-6901 is similar to that observed with anti-CCL27 antibody in the same model (60-85%)[1].

[1]. Asitha Abeywardane, et al. N-Arylsulfonyl- α -amino carboxamides are potent and selective inhibitors of the chemokine receptor CCR10 that show efficacy in the murine DNFB model of contact hypersensitivity. Bioorg Med Chem Lett. 2016 Nov 1;26(21):5277-5283.

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