

Product Data Sheet

Product Name: MT-1207

Cat. No.: GC74011

Chemical Properties

Cas. No. 1610794-70-1

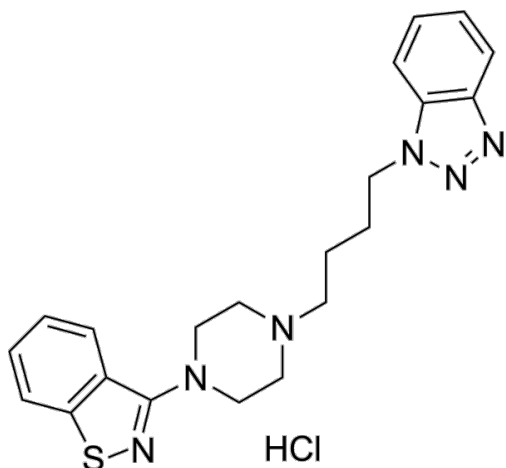
Formula $C_{21}H_{25}ClN_6S$ M.Wt 428.98

Solubility DMSO : 100 mg/mL (233.11 mM; Need ultrasonic) Storage -20°C, stored under nitrogen

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

MT-1207 is an orally active and selective adrenergic α_1 and 5-HT_{2A} receptor antagonist. MT-1207 shows IC₅₀ < 0.1 nM, 0.15 nM, 1.40 nM and 0.27 nM for α_1A , α_1B , α_1D and 5-HT_{2A}, respectively.

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

MT-1207 achieves an effective blood pressure (BP) reduction in the 2K2C rat model without damaging renal function. MT-1207 is a potent multitarget inhibitor with the potential for vasodilatation research.

References:

[1]. Peng Wang, et al. Discovery of MT-1207: A Novel, Potent Multitarget Inhibitor as a Promising Clinical Candidate for the Treatment of hypertension. J Med Chem. 2024 Jul 5.

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