

Product Data Sheet

Product Name: CRN04894

Cat. No.: GC71439

Chemical Properties

Cas. No. 2392970-97-5

Formula $C_{33}H_{42}F_3N_5O_3$

M.Wt 613.71

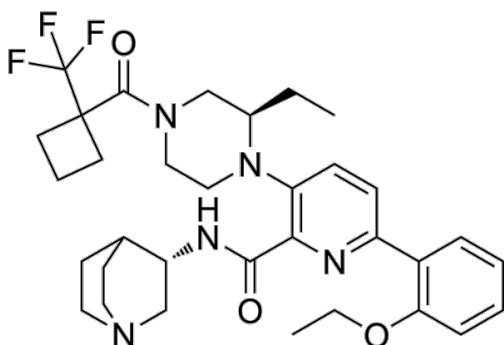
Solubility

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.

Structure



Background

CRN04894 (compound 17h) is an orally active MC2R antagonist that demonstrates in vivo efficacy in rat model of adrenocorticotrophic hormone (ACTH)-stimulated corticosterone secretion[1]. CRN04894 binds to human or rat MC2R with KB values of 0.34 nM and 0.23 nM, respectively.

CRN04894 (compound 17h) (3, 30 mg/kg; po; single dose) dose-dependently reduces corticosterone secretion levels in an ACTH-stimulated male rat model[1].

<p>References:

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

[1]. Kim SH, et al. Discovery of CRN04894: A Novel Potent Selective MC2R Antagonist. ACS Med Chem Lett. 2024 Mar 19;15(4):478-485.

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