

Product Data Sheet

Product Name: BI-9627
Cat. No.: GC34492

Chemical Properties

Cas. No. 1204329-34-9

SMILES NC(NC(C1=CC=C(C2CCN(C(C)=O)CC2)C(C(F)(F)F)=C1)=O)=N

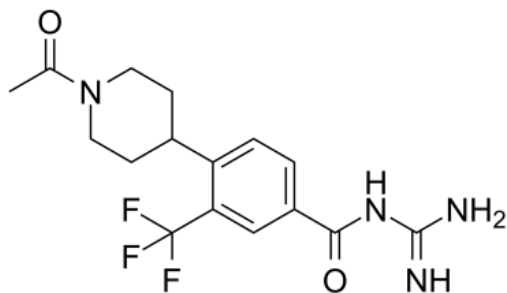
Formula $C_{16}H_{19}F_3N_4O_2$ M.Wt 356.34

Solubility DMF: 10mg/mL, DMSO: 20mg/mL, DMSO:PBS (pH 7.2) (1:7): 0.12mg/mL
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-9627 is a sodium-hydrogen exchanger isoform 1 (NHE1) inhibitor with an EC₅₀ of 31 nM[1].

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

EC50: 31 nM (Sodium-hydrogen exchanger isoform 1)[1]

[1]. Huber JD, et al. Identification of a potent sodium hydrogen exchanger isoform 1 (NHE1) inhibitor with a suitable profile for chronic dosing and demonstrated cardioprotective effects in a preclinical model of myocardial infarction in the rat. J Med Chem. 2012 Aug 23;55(16):7114-40.

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