

Product Data Sheet

Product Name: m-Tyramine hydrobromide

Cat. No.: GC38136

Chemical Properties

Cas. No. 38449-59-1

SMILES OC1=CC=CC(CCN)=C1.[H]Br

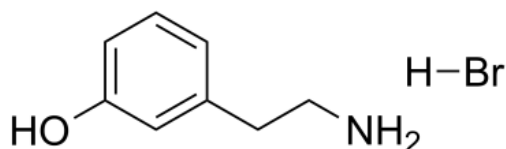
Formula $C_8H_{12}BrNO$ M.Wt 218.09

Solubility DMSO: 125 mg/mL (573.16 mM) 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

m-Tyramine hydrobromide is an endogenous trace amine neuromodulator. m-Tyramine hydrobromide has effects on the adrenergic and dopaminergic receptor [1, 2].

[1]. Dyck LE, et al. The role of catecholamines, 5-hydroxytryptamine and m-tyramine in the behavioural effects of m-tyrosine in the rat. Eur J Pharmacol. 1982 Oct 22;84(3-4):139-49. [2]. Jones RS, et al. Interactions between p-tyramine, m-tyramine, or beta-phenylethylamine and dopamine on

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

single neurones in the cortex and caudate nucleus of the rat. Can J Physiol Pharmacol. 1980 Feb;58(2):222-7.

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