

Product Data Sheet

Product Name: Tyramine O-sulfate sodium

Cat. No.: GC79598

Chemical Properties

Cas. No. 2083619-07-0

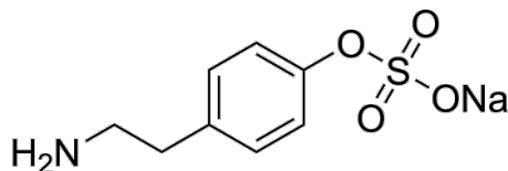
Formula $C_8H_{10}NNaO_4S$ M.Wt 239.22

Solubility DMSO: 50 mg/mL (209.01 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

Tyramine O-sulfate (Tyramine sulfate) sodium is a metabolite of Tyramine formed via sulfation, which

Caution: Product has not been fully validated for medical applications. For research use only.

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serves as a biomarker for depression. Tyramine O-sulfate sodium can be used in the research of depression [1].

In Vitro, The excretion of Tyramine O-sulfate sodium in unipolar depression is significantly reduced after oral administration of Tyramine[1].

References:

[1]. Harrison WM, et al. The tyramine challenge test as a marker for melancholia. Arch Gen Psychiatry. 1984 Jul;41(7):681-5.

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