

Product Data Sheet

Product Name: (R,S)-Anatabine

Cat. No.: GC38138

Chemical Properties

Cas. No. 2743-90-0

SMILES C1(CC=CCN1)C2=CN=CC=C2

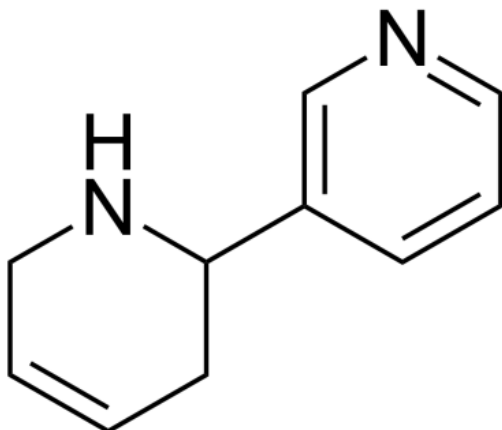
Formula $C_{10}H_{12}N_2$ M.Wt 160.22

Solubility DMSO: 125 mg/mL (780.18 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

(R,S)-Anatabine is a minor tobacco alkaloid found in the Solanaceae family of plants that can be used as a specific marker for the detection of tobacco use[1].

[1]. Lai FY, et al. Levels of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in raw wastewater

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

as an innovative perspective for investigating population-wide exposure to third-hand smoke. Sci Rep. 2018 Sep 5;8(1):13254.

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