

Product Data Sheet

Product Name: GABA-palmitamide

Cat. No.: GC79501

Chemical Properties

Cas. No. 58725-44-3

Formula $C_{20}H_{39}NO_3$

M.Wt 341.53

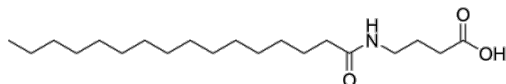
Solubility DMSO: 100 mg/mL (292.80 mM; ultrasonic and warming and heat to 60°C)

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

GABA-palmitamide is a GABA-responsive compound. GABA-palmitamide exhibits a dose-dependent bidirectional regulatory effect on the stereotyped behavior induced by Apomorphine: high doses inhibit motor behavior, while low doses enhance stereotyped behaviors in the oral cavity. GABA-palmitamide can be used in research on behavior regulation [1].

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

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[1]. Vamvakidès A, et al. Effet de quelques nouveaux GABA-ergiques sur les stéréotypies motrices et orales à l'apomorphine chez le rat [The effect of various new GABAergics on motor and oral stereotypes with apomorphine in the rat]. J Pharmacol. 1985 Oct-Dec;16(4):403-11. French.

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