

Product Data Sheet

Product Name: 13-Docosenamide

Cat. No.: GC41910

Chemical Properties

Cas. No. 112-84-5

SMILES CCCCCCCC/C=C\CCCCCCCCCCCC(N)=O

Formula C₂₂H₄₃NO M.Wt 337.6

Solubility acidic PBS: <50 µg/ml, basic PBS: <50 µg/ml, DMF: >14 mg/ml, DMSO: >20 mg/ml, Ethanol: >22 mg/ml, PBS pH 7.2: <50 µg/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.



Background

13-Docosenamide is the amide of docosenoic acid. It was first identified in the cerebrospinal fluid of sleep-deprived cats. It has also been detected in the cerebrospinal fluid of rats and humans. 13-Docosenamide causes reduced mobility and slightly lessened awareness in rats, whereas 9-octadecenamide induces physiological sleep.

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