
Product Data Sheet

Product Name: N-Benzylilinolenamide

Cat. No.: GC36671

Chemical Properties

Cas. No. 883715-18-2

SMILES CC/C=C\C/C=C\C/C=C\C\CCCCCCCC(NCC1=CC=CC=C1)=OFormula C₂₅H₃₇NO

M.Wt 367.57

Solubility DMSO : 100 mg/mL (272.06 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**

N-?Benzylilinolenamide is a natural macamide isolated from *Lepidium meyenii*, acts as an inhibitor of fatty acid amide hydrolase (FAAH) with an IC₅₀ of 41.8 μM[1]. IC₅₀: 41.8 μM (FAAH)[1]

[1]. Wu H, et al. Macamides and their synthetic analogs: evaluation of in vitro FAAH inhibition. *Bioorg Med Chem*. 2013 Sep 1;21(17):5188-97.

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

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