

Product Data Sheet

Product Name: R-2 Methanandamide

Cat. No.: GC40297

Chemical Properties

Cas. No. 157182-47-3

SMILES CCCCC/C=C\C/C=C\C/C=C\C/C=C\C/C=C\CCCC(N([H])C[C@@H](C)O)=O

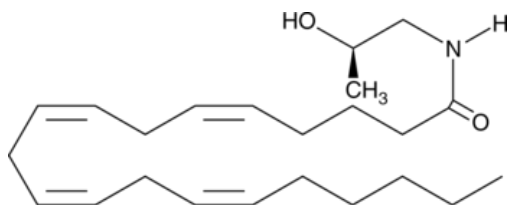
Formula C23H39NO2 M.Wt 361.6

Solubility 0.1 M Tris-HCl pH 9.0: <50 µg/ml (from R-1 Methananda, DMF: >10 mg/ml, DMF: >10 mg/ml (from AEA), DMSO: >30 mg/ml, DMSO: >30 mg/ml (from AEA), Ethanol: >100 mg/ml, Ethanol: >100 mg/ml (from AEA), Ethanol: PBS (1:2): 8.5 mg/ml

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-2 methanandamide is a cannabinoid analog with a methyl group in the (R) configuration at C-2 of the ethanolamine group. In contrast to the other methyl-anandamide analogs, R-2 methanandamide is not an amidohydrolase inhibitor and is nearly as susceptible to amide hydrolysis as AEA itself.

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

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