

Catalog	Unit
TBI1475-10MG	10 mg
TBI1475-50MG	50 mg

Product Details

Formal Name: N-(2-Hydroxyethyl)-9Z-octadecenamide

Alternate Names: OEA; Oleylethanolamide

Molecular Formula: C₂₀H₃₉NO₂

Formula Weight: 325.53

CAS Number: 111-58-0

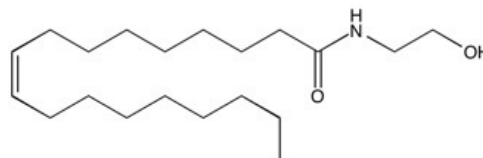
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 35 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

GPR119 agonist; stimulates lipolysis

Functions

Endogenous anandamide-like lipid acting as a PPAR α agonist but does not bind to cannabinoid receptors. Biosynthesis via the action of NAPE-PLD on N-acylphosphatidylethanolamine. Agonist at GPR119 and has been suggested to be its endogenous ligand. Inhibits food intake in rodents. Extends the lifespan of *C. elegans*.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.