

Olvanil, TRPV1 agonist

Catalog	Unit
TBI4491-5MG	5 mg
TBI4491-25MG	25 mg

Product Details

Formal Name: N-[(4-hydroxy-3-methoxyphenyl)methyl]-9Z-octadecenamide

Alternate Names: NE 19550; N-Vanillyloleamide

Molecular Formula: C₂₆H₄₃NO₃

Formula Weight: 417.6

CAS Number: 58493-49-5

Purity: ≥98%

Formulation: Solution

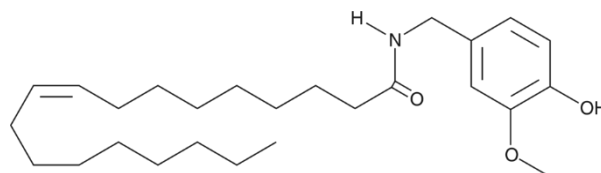
Solubility: DMF (15 mg/ml), DMSO (13 mg/ml), or Ethanol (31 mg/ml)

Storage: -20°C

Stability: ≥ 1 year

Applications

TRPV1 agonist



Functions

Olvanil functions as an agonist at the vanilloid receptor TRPV1, causing desensitization analgesia in rat and mouse pain models.

Application Procedures

First dissolved in DMF (15 mg/ml), DMSO (13 mg/ml), or Ethanol (31 mg/ml), then diluted to aqueous buffer. Solutions in DMF, DMSO, or ethanol may be stored at -20°C for up to one day.

For research use only.