

## Anandamide, Endogenous cannabinoid

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Catalog	Unit
TBI2009-5MG	5 mg
TBI2009-25MG	25 mg

### Product Details

**Formal Name:** N-(2-Hydroxyethyl)-5Z,8Z,11Z,14Z-eicosatetraenamide

**Alternate Names:** Arachidonylethanolamide; AEA

**Molecular Formula:** C<sub>22</sub>H<sub>27</sub>NO<sub>2</sub>

**Formula Weight:** 347.54

**CAS Number:** 94421-68-8

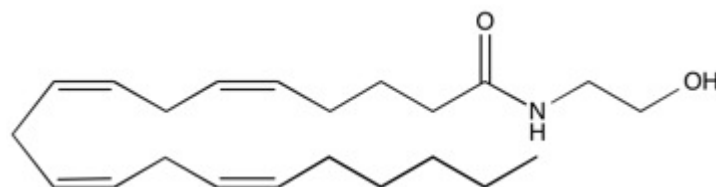
**Purity:** >98%

**Formulation:** oil

**Solubility:** Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 50 mg/ml).

**Storage:** -80°C

**Stability:** ≥ 1 year.



### Applications

Endogenous cannabinoid

### Functions

Endogenous cannabinoid receptor agonist.  $K_i=89$  nM for CB1 and 371 nM for CB2 receptors.

### Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in degassed DMSO or ethanol may be stored under nitrogen or argon at -80°C for up to 1 month.

**For research use only.**