

Palmitoylethanolamine, GPR55 agonist ab120345

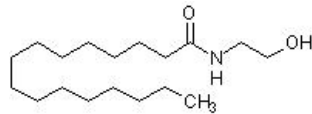
1 图像

概述

产品名称	Palmitoylethanolamine, GPR55激动剂
描述	Potent, selective GPR55激动剂
生物学描述	Endogenous lipid that acts as a potent, selective GPR55 agonist ($EC_{50} = 4 \text{ nM}$). Highly selective over CB_2 and CB_1 receptors (EC_{50} values are 19.8 and $>30 \text{ }\mu\text{M}$, respectively). Fatty acid amide hydrolase (FAAH) and PEA-preferring acid amidase (PAA) substrate. PPAR α agonist ($EC_{50} = 3 \text{ }\mu\text{M}$). Analgesic, anticonvulsant and antiinflammatory actions.

CAS编号 544-31-0

化学结构



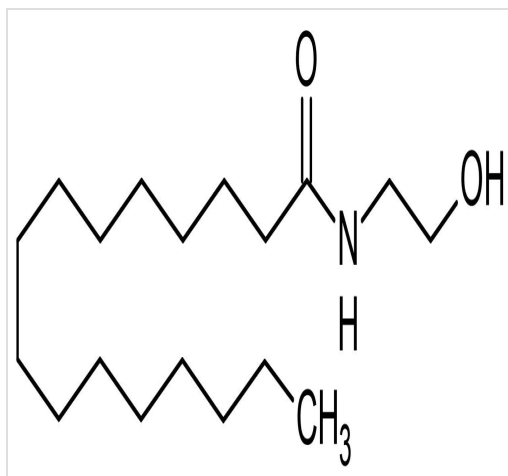
性能

化学名称	<i>N</i> -(2-Hydroxyethyl)palmitamide
分子量	299.50
分子式	$C_{18}H_{37}NO_2$
PubChem识别号	4671
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 20 mM (with heating) and in ethanol to 20 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES O=C(CCCCCCCCCCCCCC)NCCO

来源 Synthetic

图片



Chemical Structure - Palmitoylethanolamine, GPR55 agonist (ab120345)

2D chemical structure image of ab120345, Palmitoylethanolamine, GPR55 agonist

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