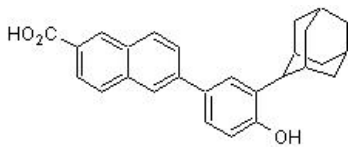
abcam

Product datasheet

CD 437, RARgamma-selective agonist. ab141305

1 References 1 Image

Overview

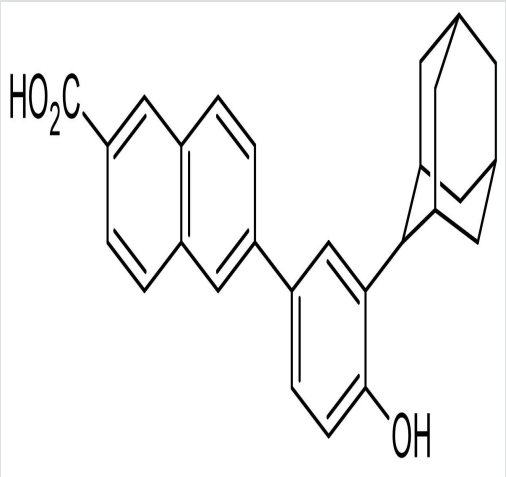
Product name	CD 437, RARgamma-selective agonist.
Description	Potent, cell-permeable RARγ-selective agonist.
Biological description	Potent, cell-permeable RARγ-selective agonist (EC_{50} values are 140, 28 and 7 nM for RAR-α, β and γ respectively). Shows RARγ-dependent and -independent effects on differentiation and apoptosis. Shows antitumor effects *in vivo*.
Purity	> 99%
CAS Number	125316-60-1
Chemical structure	

Properties

Chemical name	6-(4-Hydroxy-3-tricyclo[3.3.1.1^{3,7}]dec-1-ylphenyl)-2-naphthalenecarboxylic acid
Molecular weight	398.50
Molecular formula	$C_{27}H_{26}O_3$
PubChem identifier	135411
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 10 mM
Handling	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. Toxic, refer to SDS for further information Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.
SMILES	O=C(O)c1ccc2cc(ccc2c1)c6cc(C5C3CC4CC5CC(C3)C4)c(O)cc6

Source Synthetic

Images



Chemical Structure - CD 437, RARgamma-selective agonist. (ab141305)

2D chemical structure image of ab141305, CD 437, RARgamma-selective agonist.

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