

Product Data Sheet

Product Name: Methyl oleanonate

Cat. No.: GC61055

Chemical Properties

Cas. No. 1721-58-0

SMILES CC1(C)C(CC[C@]2(C)[C@@]3([H])CC=C4[C@]5([H])CC(C)(C)CC[C@@](C(OC)=O)5CC[C@](C)4[C@@](C)3CC[C@@]12[H])=O

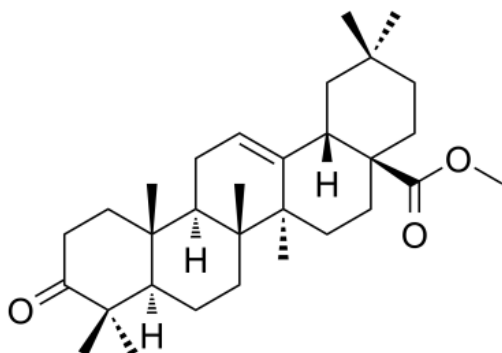
Formula $C_{31}H_{48}O_3$ M.Wt 468.71

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Methyl oleanonate is a natural triterpene PPAR γ agonist isolated from the species of Pistacia[1]. Methyl oleanonate is a modified oleanolic acid derivative with anti-cancer effects[2].

[1]. Rasmus K Petersen, et al. Pharmacophore-driven identification of PPAR γ agonists from natural

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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sources. J Comput Aided Mol Des. 2011 Feb;25(2):107-16. [2]. Barbara Bednarczyk-Cwynar, et al. Anticancer effect of A-ring or/and C-ring modified oleanolic acid derivatives on KB, MCF-7 and HeLa cell lines. Org Biomol Chem. 2012 Mar 21;10(11):2201-5

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