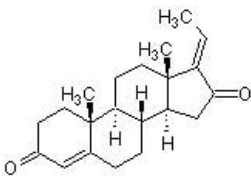


Product datasheet

Guggulsterone (pregna-4,17-diene-3,16-dione), steroid receptor antagonist ab143497

1 Image

Overview

Product name	Guggulsterone (pregna-4,17-diene-3,16-dione), steroid receptor antagonist
Description	Broad spectrum steroid receptor antagonist
Biological description	Broad spectrum steroid receptor antagonist (K_i values are 39, 224 and 240 nM for mineralocorticoid, glucocorticoid and androgen receptors respectively). Partial progesterone receptor agonist ($K_i = 201$ nM). Shows hypoglycemic and hypolipidemic effects <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	95975-55-6
Chemical structure	

Properties

Chemical name	(8R,9S,10R,13S,14S)-17-ethylidene-10,13-dimethyl-1,2,6,7,8,9,11,12,14,15-decahydrocyclopenta[a]phenanthrene-3,16-dione
Molecular weight	312.45
Molecular formula	$C_{21}H_{28}O_2$
PubChem identifier	146898
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 10 mM (with warming)
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 $-20^{\circ}C$. 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.
	Need more advice on solubility, usage and handling? Please visit our frequently asked

[questions \(FAQ\) page](#) for more details.

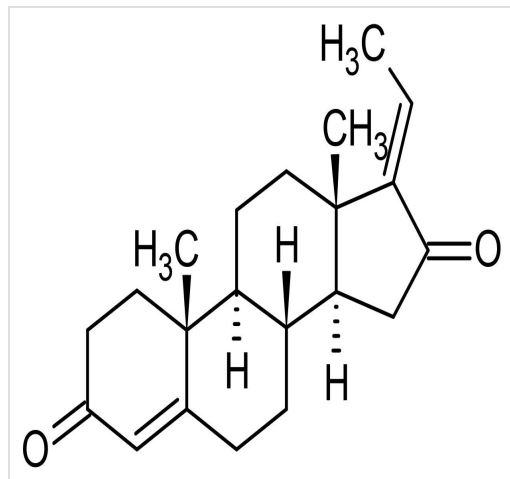
SMILES

CC=C1C(=O)CC2C1(CCC3C2CCC4=CC(=O)CCC34)C

Source

Synthetic

Images



2D chemical structure image of ab143497, Guggulsterone (pregna-4,17-diene-3,16-dione), steroid receptor antagonist

Chemical Structure - Guggulsterone (pregna-4,17-diene-3,16-dione), steroid receptor antagonist (ab143497)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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