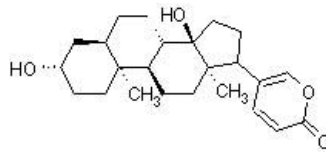


Product datasheet

Bufalin, Na⁺/K⁺-ATPase inhibitor ab145636

1 Image

Overview

Product name	Bufalin, Na ⁺ /K ⁺ -ATPase inhibitor
Description	Selective Na ⁺ /K ⁺ -ATPase inhibitor. Potent steroid receptor coactivators SRC-3 and SRC-1 inhibitor.
Biological description	Na ⁺ /K ⁺ -ATPase inhibitor. Potent steroid receptor coactivators SRC-3 and SRC-1 inhibitor. Induces cell differentiation and apoptosis. Activates AP-1 via JNK. Shows antitumor effects <i>in vivo</i> .
Purity	> 98%
CAS Number	465-21-4
Chemical structure	

Properties

Chemical name	5-[(3S,5R,8R,9S,10S,13R,14S,17R)-3,14-Dihydroxy-10,13-dimethyl-1,2,3,4,5,6,7,8,9,11,12,15,16,17-tetradecahydrocyclopenta[a]phenanthren-17-yl]pyran-2-one
Molecular weight	386.52
Molecular formula	C ₂₄ H ₃₄ O ₄
PubChem identifier	9547215
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 50 mM (with warming) and in DMSO to 50 mM
Handling	<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</p>

(FAQ) page for more details.

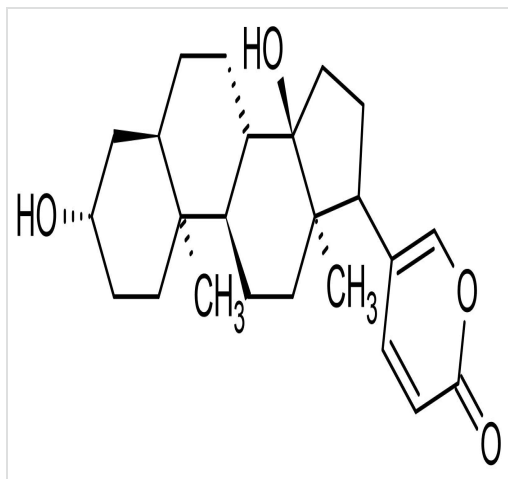
SMILES

C[C@]12CC[C@@H](C[C@H]1CC[C@@H]3[C@@H]2CC[C@]4([C@@]3(CC[C@@H]4C5=COC(=O)C=C5)O)C)O

Source

Synthetic

Images



2D chemical structure image of ab145636, Bufalin, Na⁺/K⁺-ATPase inhibitor

Chemical Structure - Bufalin, Na⁺/K⁺-ATPase inhibitor (ab145636)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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