

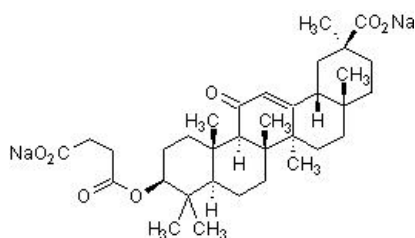
Product datasheet

Carbenoxolone disodium salt, Panx1 hemichannel inhibitor ab143590

2 References

Overview

Product name	Carbenoxolone disodium salt, Panx1 hemichannel inhibitor
Description	Selective Panx1 hemichannel inhibitor
Biological description	Selective Panx1 hemichannel inhibitor. HSP inducer. Reduces COX-2, iNOS, and NF-κB expression. Reduces oxidative stress and shows anti-inflammatory effects <i>in vivo</i> . Orally active.
Purity	> 97%
CAS Number	7421-40-1
Chemical structure	



Properties

Chemical name	(2 <i>S</i> ,4 <i>aS</i> ,6 <i>aR</i> ,6 <i>aS</i> ,6 <i>bR</i> ,8 <i>aR</i> ,10 <i>S</i> ,12 <i>aS</i> ,14 <i>bR</i>)-10-(3-carboxylatopropanoyloxy)-2,4 <i>a</i> ,6 <i>a</i> ,6 <i>b</i> ,9,9,12 <i>a</i> -heptamethyl-13-oxo-3,4,5,6,6 <i>a</i> ,7,8,8 <i>a</i> ,10,11,12,14 <i>b</i> -dodecahydro-1 <i>H</i> -picene-2-carboxylate disodium salt
Molecular weight	614.70
Molecular formula	C ₃₄ H ₄₈ Na ₂ O ₇
PubChem identifier	636402
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES	<chem>CC1(C2CCC3(C(C2(CCC1OC(=O)CCC(=O)[O-])C(=O)C=C4C3(CCC5(C4CC(CC5)C)C(=O)[O-])C)C)C.[Na+].[Na+]</chem>
Source	Synthetic

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