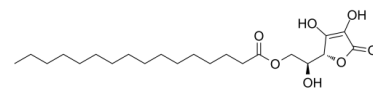


## Data Sheet

Product Name:	Ascorbyl palmitate
Cat. No.:	CS-4478
CAS No.:	137-66-6
Molecular Formula:	C <sub>22</sub> H <sub>38</sub> O <sub>7</sub>
Molecular Weight:	414.53
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Solubility:	DMSO : ≥ 30 mg/mL (72.37 mM)



### BIOLOGICAL ACTIVITY:

Ascorbyl palmitate is an ester formed from ascorbic acid and palmitic acid creating a fat-soluble form of vitamin C, it is also used as an antioxidant food additive.

### CAIndexNames:

L-Ascorbic acid, 6-hexadecanoate

### SMILES:

OC([C@H](O1)[C@H](COC(CCCCCCCCCCCCCC)=O)O)=C(O)C1=O

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

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