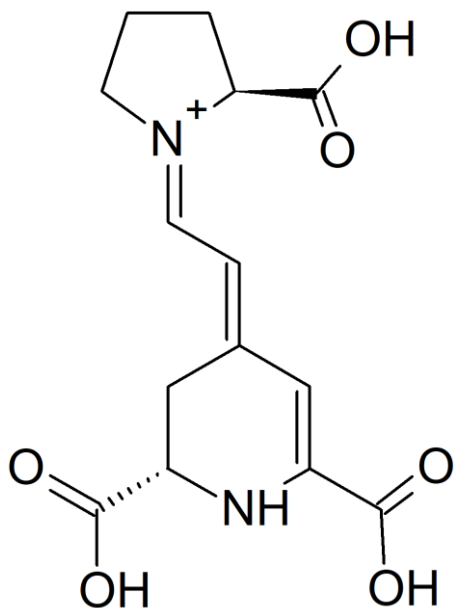


Product Indicaxanthin #2000



Product Description

Indicaxanthin standard stabilized with 50 μ M sodium ascorbate, solubilized in water stored in an amber vial, purity >98 % by HPLC analysis. Only for research use.

Catalogue Number: #2000

Chemical Name: Indicaxanthin

CAS Number: 2181-75-1

PubChem CID: 6096870

Synonyms

-(2S)-1-[(2E)-2-[(2S)-2,6-dicarboxy-2,3-dihydro-1H-pyridin-4-ylidene]ethylidene]pyrrolidin-1-ium-2-carboxylate

-Indicaxanthine

-Proline-betaxanthin

Molecular Formula: C₁₄H₁₆N₂O₆

Smiles: C1CC([N+](=CC=C2CC(NC(=C2)C(=O)O)C(=O)O)C1)C(=O)[O-]

Appearance: yellow to dark orange liquid

Molecular Weight: 308.29 g/mol

Purity: >98 %

Solubility: DMSO, Water

Storage: -20 °C

Molar absorption coefficient at 480 nm: 48000 (M cm)⁻¹ (PMID: **18578538**)

Category: Standards; Dyes; phytochemicals, Pharmaceutical, Metabolites

Main sources: Caryophyllales plants such prickly pears fruits (*Opuntia ficus-indica* sp)

Applications: Indicaxanthin is the main pigment in *Opuntia* fruits

References: PMID: **30030079**, Reverse screening on indicaxanthin from *Opuntia ficus-indica* as natural chemoactive and chemopreventive agent.

PMID: **30466978**, Indicaxanthin from *Opuntia Ficus Indica* (L. Mill) impairs melanoma cell proliferation, invasiveness, and tumor progression.

Quantity	Format	Price
1 mg	100 µL HPLC amber vial	345 €
2.5 mg	250 µL HPLC amber vial	595 €
5 mg	500 µL HPLC amber vial	1095 €
10 mg	1 mL HPLC amber vial	1995 €