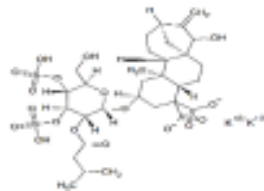


Carboxyatractyloside Potassium salt

ALTERNATE NAME: (2β,15α)-15-hydroxy-2-[[2-O-(3-methyl-1-oxobutyl)-3,4-di-O-sulfo-α-D-glucopyranosyl]oxy]-kaur-16-ene-18,19-dioic acid

CATALOG #: B2442-1000 1 mg
B2442-250 250 µg

STRUCTURE:



MOLECULAR FORMULA: C₃₁H₄₄O₁₈S₂• 2K

MOLECULAR WEIGHT: 847.0

CAS NUMBER: 35988-42-2

APPEARANCE: White to off-white solid

PURITY: ≥95%

SOLUBILITY: >10 mg/ml Water

DESCRIPTION: Carboxyatractyloside is a plant-derived natural heteroglucoside that prevents mitochondrial ATP synthesis by inhibiting ADP/ATP translocases, which are responsible for the exchange of adenine di- and triphosphates across the inner mitochondrial membrane.

REFERENCES: Klingenberg, M. (2008). Biochimica et Biophysica Acta 1778(10), 1978-2021.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Atractyloside dipotassium salt (B2441)
Bongkreki acid, triammonium salt (1820)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*