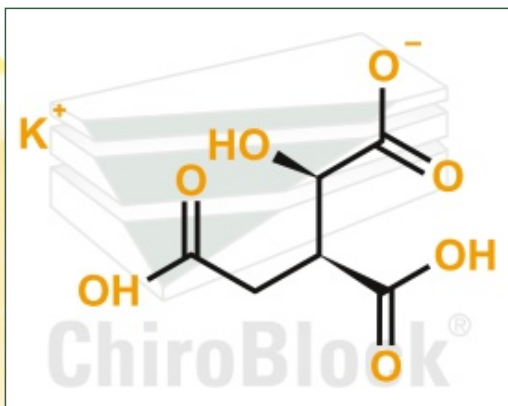


Chemical name

Ds-(+)-threo-isocitric acid monopottassium salt

Structure



Synonymes

threo-D-isocitric acid, monopottassium salt
 (1R,2S)-1-hydroxy-1,2,3-propanetricarboxylic acid, monopottassium salt
 (1R,2S)-1-hydroxypropane-1,2,3-tricarboxylic acid, monopottassium salt
 threo-DS(+)-isocitric acid, (2R,3S)-isocitric acid, monopottassium salt
 D-threo-isocitric acid, isocitric acid, monopottassium salt
 natural isocitric acid, monopottassium salt
 (2R,3S)-3-Carboxy-2-hydroxy-pentane-1,5-di carboxylic acid, monopottassium salt
 D-threo-Isocitric acid, (+)-threo-isocitric acid, monopottassium salt

Formular

$C_6H_7KO_7$

Purity

98%

MolWeight

230.214

Specification

>98% enantiomeric purity, >98% diastereomeric purity

CAS Registry Number

20226-99-7

Other Information

natural grade
 enantiomerically & diastereomerically pure

The pure isomer of the natural isocitric acid (pottassium salt)!

Made via a novel biochemical synthetic route. Constant quality, larger amounts and much lower prices compared to the compound isolated from natural sources like leaves. The main impurity is citric acid - and, hence, will not interfere with most applications. No traces of other isocitric acid isomers. Use as chelating agent, anticoagulant with blood samples, functional food supplement, ingredient of cosmetics, preserving agent, anti-ageing compound with several applications, chiral building block, or as analytical standard.

Whenever you need the natural isomer of isocitric acid free of any other of its isomers.

Quantities & Prices

1g - 350€

100g - 7 500€

500g - 14 000€

1kg - 19 000€

Availability

Maintained in stock (delivery within 1 week), other quantities upon request