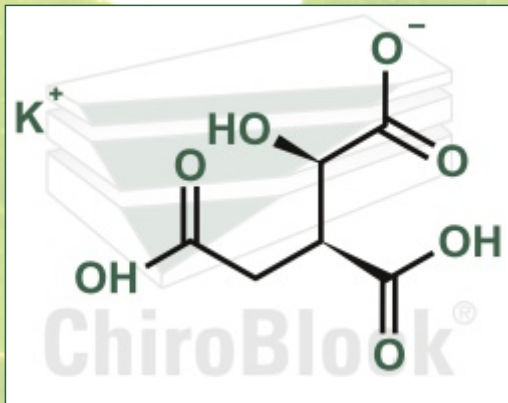


Chemical name

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

Structure



Synonyms

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

Formular

$C_6H_7KO_7$

Purity

98%

MolWeight

230.214

Specification

>98% enantiomeric purity, >90% diastereomeric purity

CAS Registry Number

20226-99-7

Other Information

synthesis grade
 enantiomerically pure
 contains up to 5% of diastereomer

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

Made via a novel chemical synthetic route. Constant quality, larger amounts and much lower prices compared to the compound isolated from natural sources like leaves. The main impurity is one diastereomer of the product - and, hence, will not interfere with most applications. No traces of citric acid or other organic carboxylic acids.

Use as chiral building block, as anticoagulant in diagnostics, as chemical intermediate as reference compound, chelating agent or analytical standard. Whenever you need the natural isomer of isocitric acid free of any other natural compound impurities.

Quantities & Prices

1g - 390€

100g - 4 900€

Availability

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