

(S)-Ketoprofen-D3

Chemical Properties

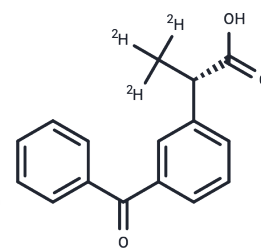
CAS No. :

Formula: C₁₆H₁₁D₃O₃

Molecular Weight: 257.3

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

(S)-Ketoprofen-D3 is a deuterated compound of (S)-Ketoprofen (T0839L). (S)-Ketoprofen has a CAS number of 22161-81-5. Dexketoprofen works by blocking the action of a substance in the body called cyclo-oxygenase. It belongs to a class of medicines called non-steroidal anti-inflammatory drugs (NSAIDs). Cyclo-oxygenase is involved in the production of chemicals in the body called prostaglandins. Prostaglandins are produced in response to injury or certain diseases and would otherwise go on to cause swelling, inflammation and pain. By blocking cyclo-oxygenase, dexketoprofen prevents the production of prostaglandins and therefore reduces inflammation and pain. Along with Peripheral analgesic action it possesses central analgesic action. Dexketoprofen is a non-steroidal anti-inflammatory drug. It is manufactured by Menarini, under the tradename Keral. It is available in the UK, as dexketoprofen trometamol, as a prescription-only drug and in Latin America as Miracox, produced by Stein in Costa Rica. In Italy it is available as an over the counter-drug under the tradename Enantyum. In Lithuania it is available as over the counter-drug under tradename Dolmen.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8865 mL	19.4326 mL	38.8651 mL
5 mM	0.7773 mL	3.8865 mL	7.773 mL
10 mM	0.3887 mL	1.9433 mL	3.8865 mL
50 mM	0.0777 mL	0.3887 mL	0.7773 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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