

L-Monapterin (L-threo-Neopterin)

Product number 11.340

CAS number 2277-42-1

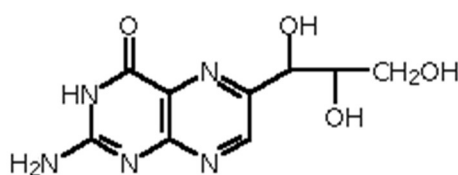
The method of synthesis for L-monapterin is the same as for D-neopterin except that the sugar L-xylose is used instead of D-arabinose.

D-arabinose and L-xylose have the same molar mass and both are soluble in MeOH.

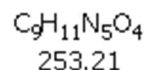
Purity: 99.5%

Description: light yellow powder

Stability: light sensitive



L-Monapterin



C 42.69% H 4.38% N 27.66% O 25.27%

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HPLC:

Sample: 1 mg/ml 0.05 N NaOH
Column: Spherisorb S5 ODS1, 150 mm x 4.6 mm
Eluant: 10 mM PB, pH 6.0 / MeOH = 95:5 (v/v)
Flow: 1 ml/min
Detection: 254 nm