



LKT Laboratories, Inc.

D-(+)-Neopterin

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Product Information

Product ID N1656

CAS No. 2009-64-5

Chemical Name 2-Amino-6-(1,2,3-trihydroxypropyl)-4(3H)-pteridinone

Synonym Crithidia factor

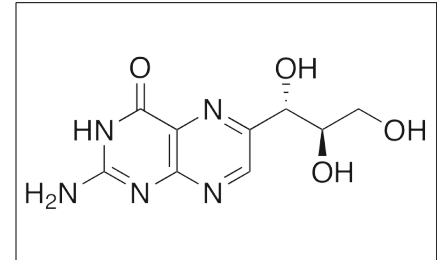
Formula C₉H₁₁N₅O₄

Formula Wt. 253.21

Melting Point

Purity ≥98%

Solubility Soluble in 1N hydrogen chloride.



Bulk quantities available upon request

Product ID	Size
N1656	10 mg

Store Temp Ambient

Ship Temp Ambient

Description Neopterin is a pteridine metabolite of GTP. Neopterin is an endogenous biomarker of cellular immune response and oxidative stress. Increases in neopterin levels are associated with increases in ROS, autoimmune diseases, and viral or bacterial infections.

References Ahmadzai H, Cameron B, Chui J, et al. Measurement of neopterin, TGF-β1 and ACE in the exhaled breath condensate of patients with sarcoidosis. *J Breath Res.* 2013 Dec;7(4):046003. PMID: 24091835.

Murr C, Widner B, Wirleitner B, et al. Neopterin as a marker for immune system activation. *Curr Drug Metab.* 2002 Apr;3(2):175-87. PMID: 12003349.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.