

# Product Information

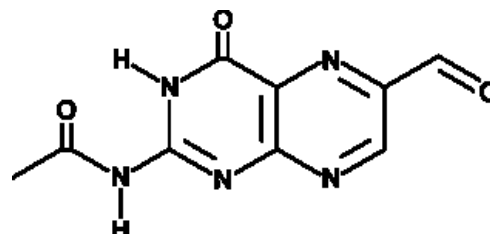


## Acetyl-6-formylpterin

Cat No: 23303 - 1 mg

### General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥95%



### Product Overview

Acetyl-6-formylpterin is an inhibitor of mucosal-associated invariant T (MAIT) cell activation.<sup>{40442}</sup> It dose-dependently increases the surface expression of MHC-related 1 (Mr1) in WT3 cells overexpressing Mr1 (WT3-m) following incubation with *E. coli* but does not activate MAIT cells cocultured with WT3-m cells when used at concentrations ranging from 0.23-15  $\mu$ M. Acetyl-6-formylpterin is also a degradation product of folic acid (Item No. 20515) and a precursor in the synthesis of 2'-hydroxy-7,8-dihydrofolate, which is a metabolite of para-aminosalicylic acid (PAS) in *M. tuberculosis*.<sup>{40441}</sup>

FP/14/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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