

Guanosine triphosphate (GTP)

IFN- γ

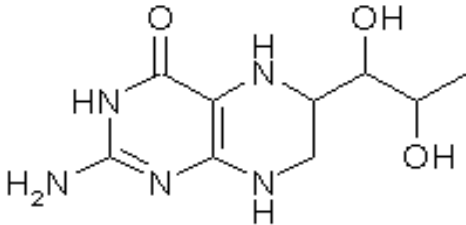


GCH I



7,8-Dihydroneopterintriphosphate

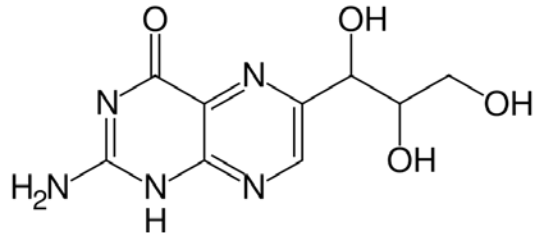
PTPS



5,6,7,8-Tetrahydrobiopterin
(BH₄)

Neurons

*Dephosphorylation
Oxidation (e.g., HOCl)*



Neopterin

Macrophage lineage