

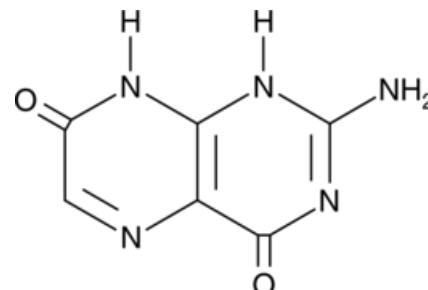


Isoxanthopterin

Cat No: 17564 - 10 mg

General Data

| | |
|---------------------|---------------------|
| Shipping: | dry ice |
| Formulation: | A crystalline solid |
| Purity: | ≥90% |



Product Overview

Isoxanthopterin is a natural intermediate in the pteridine pathway, which has roles in pigmentation and cell division.^{29527} It can be produced naturally from 7-oxobiopterin or in vitro by the oxidation of pterin by xanthine oxidase.^{29527,29524} Isoxanthopterin is a guanine analog that interferes with RNA and DNA synthesis and can inhibit cell proliferation.^{29523,29526} Methylated derivatives of isoxanthopterin are fluorescent guanine analogs that are used to study DNA structure.^{29523,29525}

FP/22/24

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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