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Product Information

Product ID P1849

CAS No. 150399-23-8

Chemical Name

Synonym

Formula C₂₀H₁₉N₅Na₂O₆

Melting Point

Solubility Water

Store Temp 4°C

Ship Temp Ambient

Formula Wt. 471.37

Purity ≥98%

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Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
P1849	10 mg	\$50.00
P1849	100 mg	\$83.10
P1849	250 mg	\$151.20
P1849	1 g	\$443.00

Pemetrexed is an antifolate anticancer chemotherapeutic that inhibits thymidylate synthase. Pemetrexed is currently in clinical trials as a potential treatment for ovarian cancer and lung adenocarcinoma. Pemetrexed may also inhibit other enzymes involved in folate metabolism, including serine hydroxymethyltransferase (SHMT), dihydrofolate reductase (DHFR), and glycinamide ribonucleotide formyltransferase (GARFT). In vitro, Pemetrexed induces activation of caspases 2, 3, 8, and 9 and increases levels of Bax, Fas, death receptor 4 (DR4), and death receptor 5 (DR5), resulting in caspase-mediated apoptosis. TEST!!!!!!

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