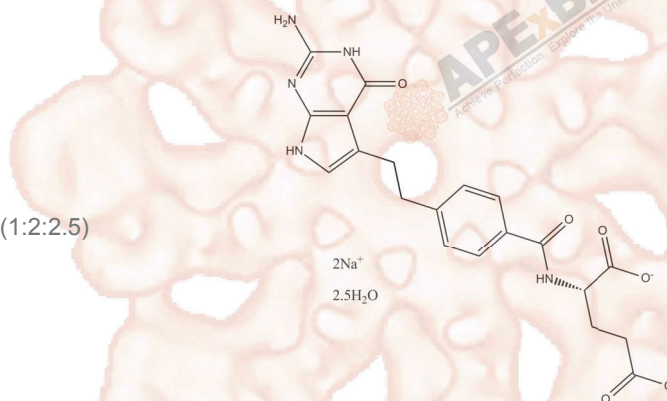


Pemetrexed disodium hemipenta hydrate

Cat. No.:	A3707
CAS No.:	357166-30-4
Formula:	C ₂₀ H ₂₄ N ₅ Na ₂ O _{8.5}
M.Wt:	516.41
Synonyms:	Pemetrexed sodium hydrate (1:2:2.5)
Target:	Apoptosis
Pathway:	Thymidylate Synthase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in DMSO, insoluble in EtOH, ≥ 23.42 mg/mL in H₂O with gentle warming

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	1.9289 mL	9.6445 mL	19.2890 mL
	5 mM	0.3858 mL	1.9289 mL	3.8578 mL
	10 mM	0.1929 mL	0.9645 mL	1.9289 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary Antifolate and antimetabolite agent

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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