

Aminopterin

Art. ID	TRC-A628850-100MG
Unit	100 mg
Deliverydetails	De Minimis UN2811 I E5

Description

Category: Amino Acids and Derivatives, Aromatics, Heterocycles, Inhibitors, Pharmaceuticals, Intermediates and Fine Chemicals /// Appearance: Dark Yellow Solid /// Application Notes: Aminopterin (Methotrexate EP Impurity B) is a folic acid antagonist. Its actively transported into cells by thefolate transporter. In the cell, its converted to a high molecular weight polyglutamate metabolite by folypolyglutamate synthase, that, in turn, binds to dihydrofolate reductase and inhibits its activity. /// References: Matherly, L.H., et al.: Cancer Res., 45, 1073 (1985), Rumberger, B.G., et al.: Cancer Res., 50, 4639 (1990), Roy, K., et al.: J. Biol. Chem., 273, 2526 (1998)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aminopterin	[54-62-6]				