Data Sheet (Cat.No.T32054)



Heme arginate

Chemical Properties

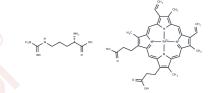
CAS No.: 100438-92-4

Formula: C40H46FeN8O6

Molecular Weight: 790.703

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Heme arginine (or heme arginine) is a compound of heme and arginine used to treat
	acute porphyria by reducing the excessive production of δ -aminolevulinic acid, which
	causes acute symptoms during the onset of acute porphyria.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2647 mL	6.3235 mL	12.647 mL
5 mM	0.2529 mL	1.2647 mL	2.5294 mL
10 mM	0.1265 mL	0.6324 mL	1.2647 mL
50 mM	0.0253 mL	0.1265 mL	0.2529 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Edmunds MC, Czopek A, Wigmore SJ, Kluth DC. Paradoxical effects of heme arginate on survival of myocutaneous flaps. Am J Physiol Regul Integr Comp Physiol. 2014 Jan 1;306(1):R10-22. doi: 10.1152/ajpregu.00240.2013. Epub

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