6-Thioguanine



Catalog No: 14126, 14127

Format: 1 g, 100 mg

Chemical Properties:

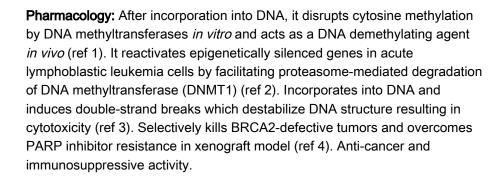
MW = 167.2 $C_5H_5N_5S$

CAS 154-42-7

Physical Properties: Pale yellow powder

Names: 6-Thioguanine, 2-Amino-6-mercaptopurine; 6-TG; NSC 752; NSC

76504



Solubilization: May be dissolved in DMF (1.5 mg/ml, warm)

Fluorescent Properties: N/A

Quality Control:

>96% (HPLC); NMR (Conforms)

References:

1. H Wang and Y Wang Biochemistry 2009, 48:2290

2. B Yuan et al. Cancer Res. 2011, 71:1904

3. J Bohon and CR de los Santos Nucleic Acid Res. 2005, 33:2880

4. N Issaeva et al. Cancer Res. 2010, 70:6268

Storage and Guarantee: Store desiccated as supplied at room temperature for up to 2 years. Store solutions at -20°C for up to 1 month. This product is for research use only and is not for use in diagnostic procedures. This product is guaranteed for 6 months from date of arrival.

