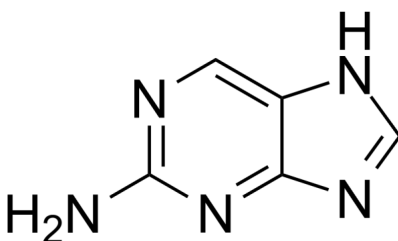


Certificate of Analysis

Catalog Number	BP12947
Product Name	2-Aminopurine

Physical and Chemical Properties

CAS No.	452-06-2
Chemical Formula	C ₅ H ₅ N ₅
Molecular Weight	135.13
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of 2-Aminopurine is shown. It consists of a purine ring system with an amino group (-NH₂) attached to the 2-position of the imidazole ring. The structure is drawn in a skeletal format with explicit hydrogen atoms on the nitrogens.</p>

Product Information

Description	2-Aminopurine is a double-stranded RNA-dependent protein kinase, protein kinase R (PKR) inhibitor.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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