


Certificate of Analysis

Catalog Number	BP10471
Product Name	Tannic acid

Physical and Chemical Properties

Synonyms	Gallotannic acid
CAS No.	1401-55-4
Chemical Formula	C ₇₆ H ₅₂ O ₄₆
Molecular Weight	1701.206
Solubility	DMSO: ≥ 34 mg/mL (125.76 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Tannic acid is a novel hERG channel blocker with IC ₅₀ of 3.4 μ M.
Targets&IC ₅₀	hERG channel: 3.4 μ M

Analytical Data

HPLC	Shows Min >99% purity
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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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