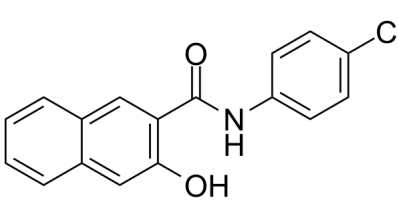


Certificate of Analysis

Catalog Number	BP14051
Product Name	Naphthol AS-E

Physical and Chemical Properties

Synonyms	nAS-E
CAS No.	92-78-4
Chemical Formula	C ₁₇ H ₁₂ ClNO ₂
Molecular Weight	297.74
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	nAS-E is an the KIX-KID interaction and CREB-mediated gene transcription inhibitor.
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Targets&IC50	KIX-KID:2.26 μ M (IC50)
In vivo	nAS-E could reverse bone loss induced by MDA-MB-231 tumour. These results suggest that small molecules targeting CREB-CBP interaction to inhibit CREB-mediated gene transcription might be a potential approach for the treatment of breast cancer bone metastasis.

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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