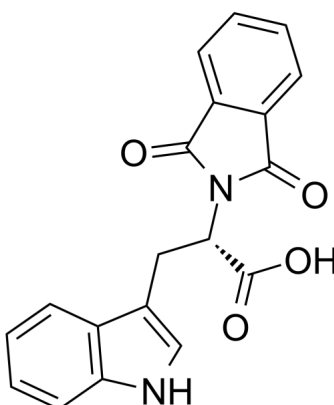


Certificate of Analysis

Catalog Number	BP14159
Product Name	RG108

Physical and Chemical Properties

Synonyms	N-Phthalyl-L-tryptophan
CAS No.	48208-26-0
Chemical Formula	C ₁₉ H ₁₄ N ₂ O ₄
Molecular Weight	334.331
Solubility	Ethanol: 33.4 mg/mL (100 mM) DMSO: 33.4 mg/mL (100 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure shows a phthaloyl group (a benzene ring fused to a five-membered cyclic imide) attached via its nitrogen atom to the side chain of an L-tryptophan residue. The tryptophan side chain consists of a methylene group, a chiral center (indicated by a dashed bond to the hydrogen), and a carboxylic acid group. The tryptophan ring is a benzene ring fused to an indole ring.</p>

Product Information

Description	RG108 is an DNA methyltransferase inhibitor(IC ₅₀ =115 nM).
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Targets&IC50	DNA methyltransferase:115 nM
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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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