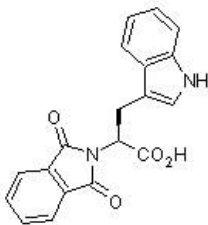


# RG 108, non-nucleoside DNA methyltransferase inhibitor (DNMT) ab141013

**4 References**   [1 图像](#)

### 概述

产品名称	RG 108, non-nucleoside DNA methyltransferase抑制剂(DNMT)
描述	Novel, non-nucleoside DNA methyltransferase抑制剂(DNMT)
生物学描述	Novel, non-nucleoside DNA methyltransferase (DNMT) inhibitor, capable of interacting with the DNMT1 active site ( $IC_{50} = 115$ nM). Inhibits DNA methylation in human cancer cell lines.  Reactivates several epigenetically silenced tumour suppressor genes <i>in vitro</i> . Capable of enhancing the efficiency of induced pluripotent stem cell (iPS) generation.
纯度	> 99%
CAS编号	48208-26-0
化学结构	

### 性能

化学名称	N-Phthalyl-L-tryptophan
分子量	334.33
分子式	$C_{19}H_{14}N_2O_4$
PubChem识别号	702558
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol to 100 mM
处理	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

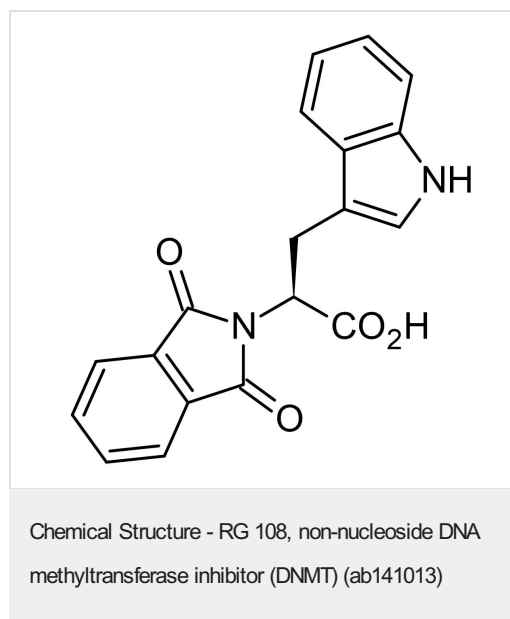
## SMILES

O=C(O)[C@H](Cc2cnc1cccc12)N4C(=O)c3cccc3C4=O

## 来源

Synthetic

## 图片



2D chemical structure image of ab141013, RG 108, non-nucleoside DNA methyltransferase inhibitor (DNMT)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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