

Product Name: Ogerin

Catalog No.: 5722

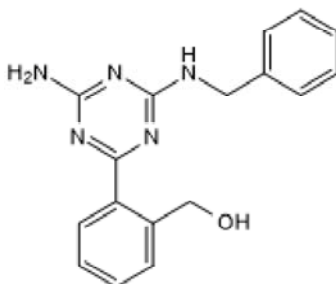
Batch No.: 2

CAS Number: 1309198-71-7

IUPAC Name: 2-[4-Amino-6-[(phenylmethyl)amino]-1,3,5-triazin-2-yl]benzenemethanol

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₇H₁₇N₅O
Batch Molecular Weight: 307.35
Physical Appearance: White solid
Solubility: DMSO to 100 mM
 ethanol to 20 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.9% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	66.43	5.57	22.79
Found	66.31	5.48	22.71

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Ogerin is a selective positive allosteric modulator (PAM) of GPR68 (pEC₅₀ = 6.83), which exhibits selectivity for GPR68 over 58 other GPCRs. Ogerin attenuates contextual-based fear memory in mice.

Physical and Chemical Properties:

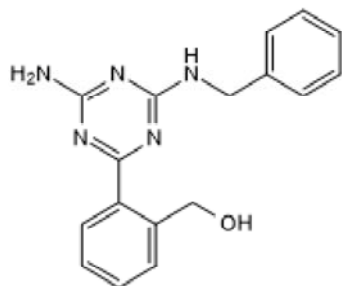
Batch Molecular Formula: C₁₇H₁₇N₅O

Batch Molecular Weight: 307.35

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

ethanol to 20 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Huang *et al* (2015) Allosteric ligands for the pharmacologically dark receptors GPR68 and GPR65. *Nature* **527** 477. PMID: 26550826.

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