**PRODUCT DATA SHEET**

**AG-CN2-0037**

**Jasplakinolide**  
[Jaspamide; NSC 613009]

AG-CN2-0037-C050 50 µg  
AG-CN2-0037-C100 100 µg

**Formula**  
\[ C_{36}H_{45}BrN_{4}O_{6} \]

**MW** 709.7  
**CAS** 102396-24-7

**Handling / Storage**

**Shipping** AMBIENT  
**Short Term Storage** +4°C  
**Long Term Storage** -20°C

Protect from light.

**Use / Stability**

Stable for at least 2 years after receipt when stored at -20°C.

MSDS available at www.adipogen.com or upon request.

**Product Specifications**

- **Source/Host** Isolated from *Jaspis splendens*.
- **Purity** ≥98% (HPLC)  
- **Identity** Determined by MS.  
- **Appearance** Off-white solid.  
- **Solubility** Soluble in ethanol, methanol or DMSO.

**Product Description**

- Cell permeable, non-fluorescent F-actin probe [3, 8, 12].
- Potent inducer of actin polymerization and stabilization [3, 8, 12].
- Competes with phallotoxins for actin binding [3].
- Antifungal and antiparasitic compound [1, 2, 9].
- Antiproliferative and anticancer compound [3, 4, 5].
- Apoptosis enhancer/inducer [6, 10].

**WARNING:** Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.
• Tool used for autophagy/phagocytosis research [7, 11, 13].

Product Specific References

7. Alteration of actin organization by jaspamide inhibits ruffling, but not phagocytosis or oxidative burst, in HL-60 cells and human monocytes: I. Fabian, et al.; Blood 93, 3994 (1999)