



MANUFACTURED BY VDM BIOCHEMICALS, INC.
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CERTIFICATE OF ANALYSIS

Product name: **Alsterpallone, 2-Cyanoethyl**

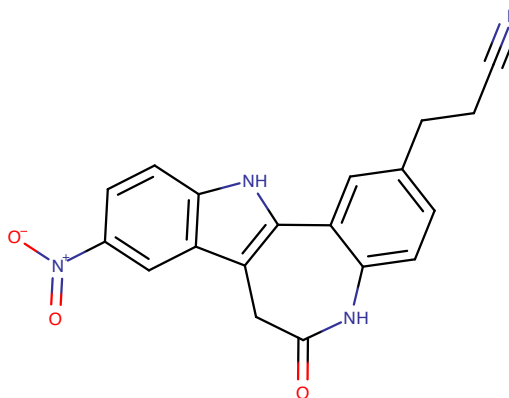
Cat. number: **VD-OEIA-0044**

CAS Number: **852529-97-0**

Lot number: **VD18-99009092**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₉ H ₁₄ N ₄ O ₃
MW:	346.34
Purity:	≥97% by TLC.
Appearance:	Orange solid.
Solubility:	DMSO (10 mg/ml).
Storage:	+2°C to +8°C.
Synonyms:	3-(6-Oxo-9-nitro-5,6,7,12-tetrahydroindolo[3,2-d][1]benzazepin-2-yl)propionitrile

Product Description

Alsterpallone, 2-Cyanoethyl is an alsterpallone derivative that acts as a highly potent, ATP-competitive, selective inhibitor of Cdc2 (Cdk1)/cyclin B and GSK-3β (IC₅₀ = 230 pM and 800 pM, respectively).

Quality control department:

This material is chemically synthesized. Made in USA

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE