



MANUFACTURED BY VDM BIOCHEMICALS, INC.
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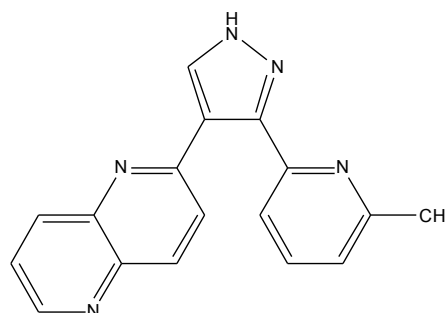
CERTIFICATE OF ANALYSIS

Product name: **ALK5 Inhibitor II**

Cat. number: **VD-OEIA-1068** CAS Number: **446859-33-2** Lot number: **VD44685570** www.vdmbio.com

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₇ H ₁₃ N ₅
MW:	287.32
Purity:	≥98%
Appearance:	Yellow solid.
Solubility:	Soluble to 100 mM in DMSO and to 50 mM in ethanol.
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	SJN 2511; RepSox
NMR:	Consistent with structure.

Product Description:

Selective inhibitor of the TGF- type I receptor ALK5 (IC₅₀ values are 0.004 and 0.023 M for ALK5 autophosphorylation and ALK5 binding respectively). Selective for ALK5 over a range of kinases, including p38 MAPK, JNK1 and GSK3 (IC₅₀ > 16 M). Enhances the efficiency of cellular reprogramming.

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.