

CERTIFICATE OF ANALYSIS

PRODUCT: **RepSox**
[2-[3-(6-Methyl-2-pyridinyl)-1H-pyrazol-4-yl]-1,5-naphthyridine; E-616452]
C₁₇H₁₃N₅; M.W. 287.32; CAS# [446859-33-2]

PRODUCT NUMBER: R-2032

LOT NUMBER: C1317

APPEARANCE: Off-white solid

SOLUBILITY: Soluble in DMSO (> 20 mg/mL)

PURITY (HPLC): ≥ 98%

PRODUCT DESCRIPTION: Cell-permeable. A TGF- β type I receptor (ALK5) inhibitor. Inhibits ALK5 autophosphorylation (IC = 4 nM). Can replace one of the four reprogramming factors Sox-2. RepSox has been successfully used in the direct reprogramming of mouse fibroblasts through induction of Nanog transcription.

STORAGE & HANDLING: Store at -20°C. **PROTECT FROM AIR & LIGHT!**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

