

RepSox, GMP Grade

Cat. No. RepSox-21 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RepSox (E-616452) (GMP) is a RepSox produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture.
Description	RepSox is a potent and selective TGF- β -RI/ALK5 inhibitor.
Form	Solid, White to light yellow
Target	TGF- β Receptor
In Vitro	RepSox (GMP) (10 μ M) induces MEFs differentiating to chemically induced pluripotent stem cells (CiPSCs). RepSox (GMP) (10 μ M, in stage I-Stage III induction medium) induces hCiPS cells from HEFs. RepSox (GMP) together with Forskolin increases the number of proliferative cells in MEFs expressing MyoD, confirmed by increased EdU incorporation
IC50 & Target	IC50: ALK5 autophosphorylation (4 nM)
CAS	446859-33-2
Formula	C ₁₇ H ₁₃ N ₅
Molecular Mass	287.32
Storage	4 centigrade, sealed storage, away from moisture and light

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

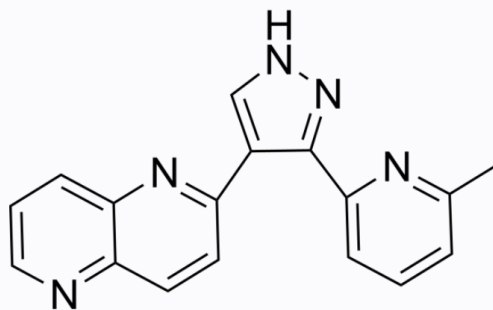
 45-1 Ramsey Road, Shirley, NY 11967, USA


GENE INFORMATION

Pathway TGF-beta/Smad


Synonyms RepSox; E-616452; SJN 2511

Chemical Structure



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