

SB 431542

Cat. No. GTX80003

Application Cell Culture**Package**
500 µl

PRODUCT

Summary

SB431542 is a small molecule inhibitor of the TGF- β 1 activin receptor-like kinases (ALKs). It is a selective and potent inhibitor of ALK-4, -5 and -7. SB431542 inhibits endogenous activin and TGF- β signaling without affecting more divergent BMP signaling utilizing ALK-1, -2, -3, and -61, 2. Watabe and colleagues (2003) reported that at a concentration of 1 μ M, SB431542 stimulates proliferation, differentiation, and sheet formation of endothelial cells derived from embryonic stem cells³.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution

Recommended dilution

Cell Culture

Assay dependent

Not tested in other applications.

PROPERTIES

Form Liquid**Buffer** DMSO**Preservative** No Preservative**Storage** Store at -20°C. Maintain under sterile conditions.**Concentration** 2 mM (Please refer to the vial label for the specific concentration.)

Note

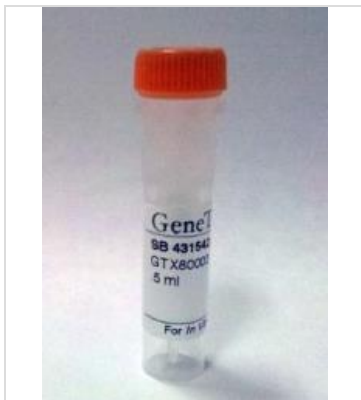
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DATA IMAGES



GTX80003 Image



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