

SB-431542, Dihydrate Form

Cat. No. SB-431542 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description SB-431542 (SB431542; SB 431542) is a Src family kinase inhibitor, a TGF- β signaling pathway inhibitor, and a powerful ALK5 inhibitor (IC₅₀ value is 94 nM), which can inhibit TGF- β -mediated SMAD protein activation, cell proliferation and cell movement, and effectively inhibit the migration and invasion of cells in primary and secondary cancer cells induced by growth factor β 1.

Form Off-white to light yellow powder

CAS NO 301836-41-9

Molecular Mass 420.42

Molecular Formula C₂₂H₁₆N₄O₃·2H₂O

Water content (KF) 11.206 %

Purity $\geq$ 98%

Storage Buffer At -20 centigrade.

GENE INFORMATION

Official Symbol 0

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

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

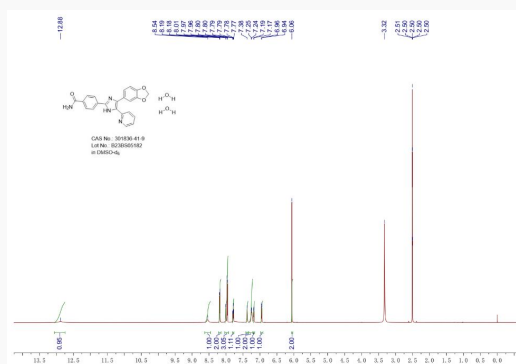
 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms SB-431542 (dihydrate form)

Gene ID 0

MS

HNMR



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