

For Research Use Only

BMP signaling agonist sb4

Catalog Number: CM06616

产品信息

Catalog Number:
CM06616

CAS号:
100874-08-6

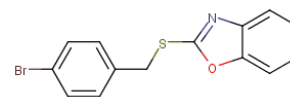
分子式:
C₁₄H₁₀BrNOS

主要靶点:
TGF-beta/Smad

主要通路:
干细胞

分子量:
320.2

溶解度:
DMSO:10 mg/mL (31.23 mM)



靶点活性

BMP:74 nM(EC50)

体外活性

SB4迅速激活了细胞中的BMP信号传导。通过SB4激活的BMP信号传导增加了关键第二信使(SMAD-1/5/9)的磷酸化,并且还提升了BMP信号传导中直接靶基因(DNA结合抑制因子, Id1和Id3)的表达。[1]

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.

For technical support and original validation data for this product please contact

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