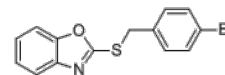


Product Name : BMP signaling agonist sb4
Cat. No. : PC-35964
CAS No. : 100874-08-6
Molecular Formula : C₁₄H₁₀BrNOS
Molecular Weight : 320.204
Target : TGF beta Receptor (TGFBR)
Solubility : 10 mM in DMSO



Biological Activity

BMP signaling agonist sb4 is a small molecule **BMP signaling** agonist with EC₅₀ of 73.6 nM, enhances the efficacy of BMPs and activates endogenous BMP4 target genes.

BMP signaling agonist sb4 increases the phosphorylation of key second messengers (SMADs-1/5/9) and also increased expression of direct target genes (inhibitors of DNA binding, ID1 and ID3) in canonical BMP signaling.

References

Bradford STJ, et al. *J Biol Chem*. 2019 Jan 2. pii: jbc.RA118.006817.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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