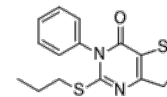


Product Name : BC11-38
Cat. No. : PC-23482
CAS No. : 686770-80-9
Molecular Formula : C₁₅H₁₆N₂OS₂
Molecular Weight : 304.43
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

BC11-38 is a potent and selective PDE11 inhibitor with IC₅₀ of 0.28 μM, without activity against PDE1-10.

BC11-38 significantly increases cAMP levels and cortisol production in H295R cells, both in the absence and presence of the adenylate cyclase activator forskolin.

BC11-38 effect is not observed in HeLa cells that have low PDE11 activity.

References

Ceyhan O, et al. Chem Biol. 2012 Jan 27;19(1):155-63.

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

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