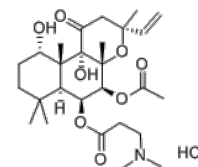


Product Name : NKH477
Cat. No. : PC-62254
CAS No. : 138605-00-2
Molecular Formula : C₂₇H₄₃NO₈.HCl
Molecular Weight : 546.1
Target : Adenylate Cyclase
Solubility : 10 mM in DMSO



Biological Activity

NKH477 (Colforsin dapropate) is a water-soluble analog of Forskolin and a potent activator of adenylyl cyclase, shows some selectivity for cardiac (type V) adenylyl cyclase.

NKH477 increases cAMP accumulation in HEK293 cells stably overexpressing type V more than forskolin.

NKH477 also is a PKA activator.

References

Hosono M, et al. J Cardiovasc Pharmacol. 1992 Apr;19(4):625-34.

Toya Y, et al. J Mol Cell Cardiol. 1998 Jan;30(1):97-108.

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

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