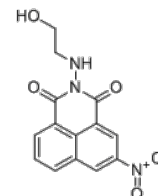


Product Name : ALE-0540
Cat. No. : PC-61913
CAS No. : 234779-34-1
Molecular Formula : C₁₄H₁₁N₃O₅
Molecular Weight : 301.258
Target : Trk Receptor
Solubility : 10 mM in DMSO



Biological Activity

ALE-0540 (ALE0540) is a nerve growth factor (**NGF**) antagonist that inhibits the binding of NGF to TrkA or both p75 and TrkA with IC₅₀ of 5.88 and 3.72 uM, respectively.

ALE-0540 produces antiallodynic actions in models of neuropathic pain.

References

Owolabi JB, et al. *J Pharmacol Exp Ther.* 1999 Jun;289(3):1271-6.

Eibl JK, et al. *Eur J Pharmacol.* 2013 May 15;708(1-3):30-7.

Sheffield KS, et al. *Pharmacol Res.* 2016 Jan;103:292-9.

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

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