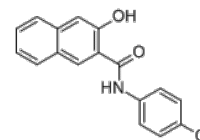


Product Name : Naphthol AS-E
Cat. No. : PC-61256
CAS No. : 92-78-4
Molecular Formula : C₁₇H₁₂ClNO₂
Molecular Weight : 297.738
Target : CREB/CBP
Solubility : 10 mM in DMSO



Biological Activity

Naphthol AS-E is a cell-permeable inhibitor of the **KIX-KID** interaction and CREB-mediated gene transcription (IC₅₀=2.26 uM).

Naphthol AS-E is the first KIX-binding small molecule to inhibit CREB-dependent gene transcription in living cells with IC₅₀ in the low-uM range and a novel template for inhibiting protein-protein interactions.

References

Jiang M, et al. *J Med Chem*. 2012 Apr 26;55(8):4020-4.

Li BX, et al. *Chembiochem*. 2009 Nov 23;10(17):2721-4.

Best JL, et al. *Proc Natl Acad Sci U S A*. 2004 Dec 21;101(51):17622-7.

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

E-mail: tech@probechem.com