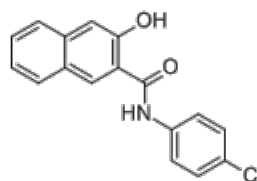


Product Name : Naphthol AS-E
Synonyms : Naphthol AS-E; nAS-E; nAS E
Cat No. : M16643
CAS Number : 92-78-4
Molecular Formula : C₁₇H₁₂ClNO₂
Formula Weight : 297.74
Chemical Name : N-(4-chlorophenyl)-3-hydroxy-2-naphthamide



Description : A cell-permeable inhibitor of the KIX-KID interaction and CREB-mediated gene transcription (IC₅₀=2.26 μM); the first KIX-binding small molecule to inhibit CREB-dependent gene transcription in living cells with IC₅₀ in the low-μM range and a novel template for inhibiting protein-protein interactions.

Pathway : Nuclear Receptor/Transcription Factor

Target : CREB/CBP

Receptor : CREB/CBP

Solubility : —

SMILES : O=C(NC1=CC=C(Cl)C=C1)C2=C(O)C=C3C=CC=CC3=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Jiang M, et al. J Med Chem. 2012 Apr 26;55(8):4020-4. 2. Li BX, et al. Chembiochem. 2009 Nov 23;10(17):2721-4. 3. Best JL, et al. Proc Natl Acad Sci U S A. 2004 Dec 21;101(51):17622-7.