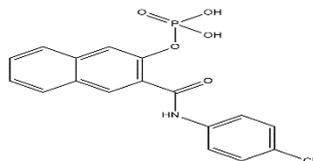


KG-501

ALTERNATE NAME: Naphthol AS-E phosphate
[3-[(4-chlorophenyl)carbamoyl]naphthalen-2-yl] dihydrogen phosphate
N-(4-Chlorophenyl)-3-(phosphonoxy)naphthalene-2-carboxamide

CATALOG #: B2380-10 10 mg
B2380-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₃ClNO₅P

MOLECULAR WEIGHT: 377.72

CAS NUMBER: 18228-17-6

APPEARANCE: Off-white solid

PURITY: ≥98%

STORAGE: Store at -20°C

SOLUBILITY: >5 mg/ml DMSO

DESCRIPTION: KG-501 is a cAMP response element-binding protein (CREB) inhibitor that disrupts CREB-dependent transcription (K_i = 10 μM) and CREB:CBP interaction (K_i = 50 μM).

REFERENCES: Best, J.L., et al. (2004). Proc. Natl. Acad. Sci. USA 101, 17622–17627.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

CREB Antibody (3360R)
CREB Binding Protein bromodomain (1081-1197 aa) (GST-tagged), Human recombinant (7659)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***