

Product Name	: AMP-PCP disodium
Synonyms	: —
Cat No.	: M33199
CAS Number	: 7414-56-4
Molecular Formula	: C ₁₁ H ₁₆ N ₅ Na ₂ O ₁₂ P ₃
Formula Weight	: 549.17
Chemical Name	: —
Description	: AMP-PCP disodium is an ATP analogue and can bind to Hsp90 N-terminal domain with a K _d value of 3.8 μM. AMP-PCP disodium binding favors the formation of the active homodimer of Hsp90.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: HSP
Receptor	: HSP
Solubility	: In Vitro: ?H ₂ O : 100 mg/mL (182.09 mM; Ultrasonic)
SMILES	: <chem>O[C@@H]1[C@@H](O[C@@H]([C@H]1O)COP(=O)([O-])([O-])=O)(O)=O)N2C3=NC=NC(N)=C3N=C2.[Na+].[Na+]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhang H, et al. A dynamic view of ATP-coupled functioning cycle of Hsp90 N-terminal domain. Sci Rep. 2015 Apr 13;5:9542.?