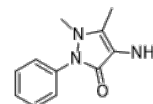


Product Name : Ampyrone
Cat. No. : PC-28026
CAS No. : 83-07-8
Molecular Formula : C₁₁H₁₃N₃O
Molecular Weight : 203.25
Target : Tyrosinase
Solubility : 10 mM in DMSO



Biological Activity

Ampyrone (4-Aminoantipyrine) is a nonsteroidal antiinflammatory drug, PGE₂-dependent blocker and inhibitor of **cyclooxygenase** (COX), also is a direct agonist of human **Tyrosinase** (TYR), increases catalytic activity of both hTYRWT and hTYRP406L with EC₅₀ of 0.67 and 3.57 mM, respectively.

References

Berno CR, et al. *Mutat Res Genet Toxicol Environ Mutagen.* 2016 Jul;805:19-24.

Dolinska MB, et al. *JCI Insight.* 2026 Jun 18;11(16):e202947.

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

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