

## PDE1A

(Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A,  
61 kDa Cam-PDE, hCam-1)

- **CAT#:** PDE1A
- **Enzyme:** Human PDE1A
- **Substrate:** 1  $\mu$ M cGMP, Ca-CaM
- **Reaction:**  
Nucleoside 3',5'-cyclic phosphate + H<sub>2</sub>O = nucleoside 5'-phosphate

- **Reference Compound IC50s:**

Compounds	IC50 (nM)
IBMX	880
Methoxymethyl-IBMX	2,030
Roliptam	>50,000
Methoxyquinazoline	12,500

- **Scientific Information:** P54750 (<http://www.expasy.org/uniprot/P54750>)

### Reference Compound IC50 for PDE1A

