DMPK

(Myotonin-protein kinase, Myotonic dystrophy protein kinase, MDPK, DMPK, DM-kinase, DMK, MT-PK, MDPK)

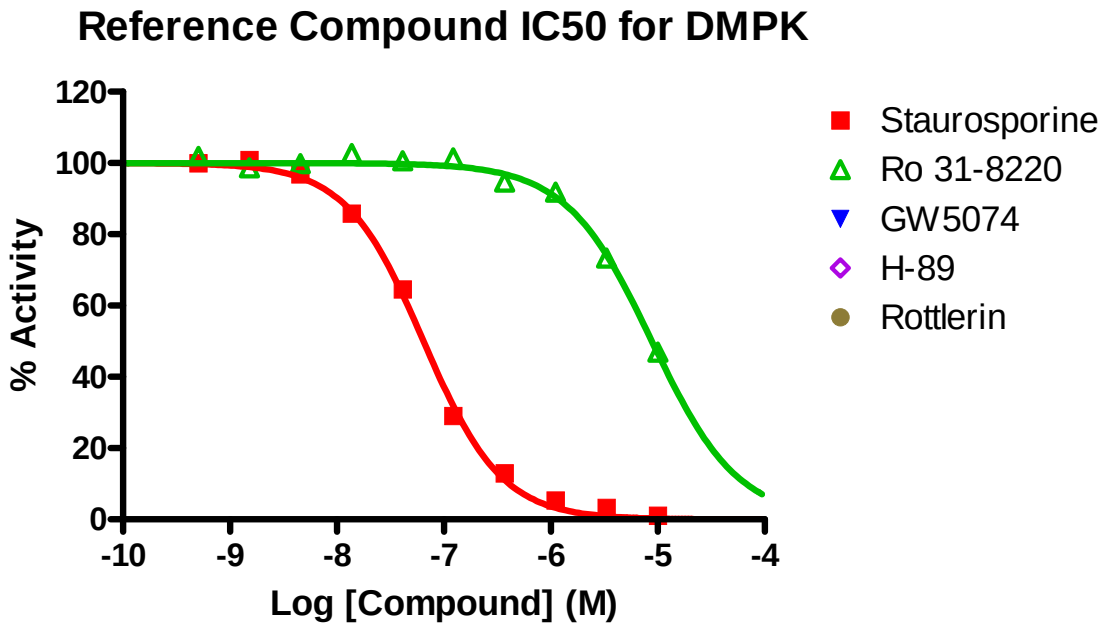
- **CAT#:** DMPK
- **Enzyme:** Human DMPK
- **Substrate:** Peptide substrate, [KKSRGDYMTMQIG], 20 μM
  ATP 10 μM
- **Reaction:**

$$\text{Substrate} + [\gamma\text{-}^{33}\text{P}]\text{-ATP} \xrightarrow{\text{Enzyme}} {}^{33}\text{P-Substrate} + \text{ADP}$$

- **Reference Compound IC50s:**

Compounds	**IC50 (nM)**
Staurosporine	64.7
Ro 31-8220	8,800

- **Scientific Information:** Q09013 (http://www.expasy.org/uniprot/Q09013)



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