

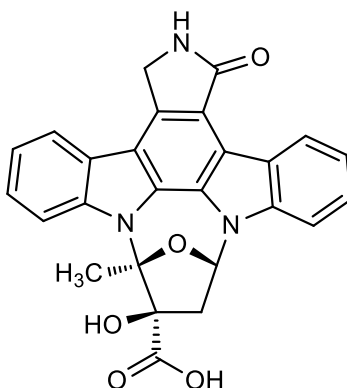


Catalog # 10-2081

K252b

CAS# 99570-78-2

Lot # S101052



Potent pan-specific protein kinase inhibitor: PKA ($K_i = 90$ nM), PKC ($K_i = 20$ nM), PKG ($K_i = 100$ nM)¹ as well as other kinases. Cell impermeable².

- 1) Kase *et al.* (1987), *K252 compounds, novel and potent inhibitors of protein kinase C and cyclic nucleotide-dependent protein kinases*; Biochem. Biophys. Res. Commun., **142** 436
- 2) Makino *et al.* (2012), *Inhibition of uterine sarcoma cell growth through suppression of endogenous tyrosine kinase B signaling*; PLoS One, **7** e41049

PHYSICAL DATA

Molecular Weight:	453.46
Molecular Formula:	C ₂₆ H ₁₉ N ₃ O ₅
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 1 mg/ml) or DMF (up to 1 mg/ml)
Physical Description:	White or off-white solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO or DMF may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

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