

K252A, Kinase inhibitor (pan-specific)

Catalog	Unit
TBI2080- 1MG	1 mg
TBI2080- 5MG	5 mg

Product Details

Formal Name: Methyl (13S,14R,16R)-14-hydroxy-13-methyl-5-oxo-6,7,13,14,15,16-hexahydro-5H-13,16-epoxydiindolo[1,2,3-fg:3',2',1'-kl]pyrrolo[3,4-i][1,6]benzodiazocine-14-carboxylate

Molecular Formula: C₂₇H₂₁N₃O₅

Formula Weight: 467.49

CAS Number: 99533-80-9

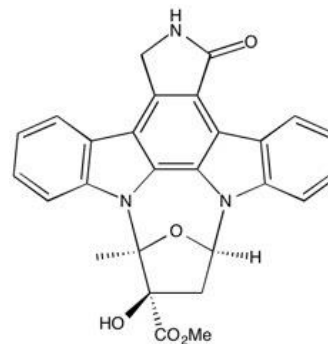
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 100 mg/ml)

Storage: -20°

Stability: ≥ 2 years.



Applications

Kinase inhibitor (pan-specific)

Functions

K252a (99533-80-9) is a potent pan-specific protein kinase inhibitor: PKA ($K_i = 18$ nM), PKC ($K_i = 25$ nM) PKG ($K_i = 20$ nM). K252a inhibits CaMK ($K_i = 1.8$ nM) and phosphorylase kinase ($IC_{50} = 1.7$ nM) as well as other kinases.

Induces apoptosis. Cell permeable.

Application Procedures

First dissolved in DMSO (100 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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