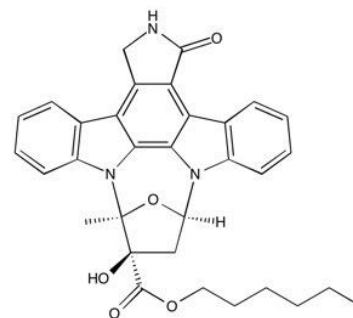


Catalog	Unit
TBI2082 - 100UG	100 µg
TBI2082 - 500UG	500 µg

### Product Details

**Molecular Formula:** C<sub>32</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub>  
**Formula Weight:** 537.6  
**CAS Number:** 108068-98-0  
**Purity:** >98%  
**Formulation:** Powder  
**Solubility:** Soluble in DMSO (up to 25 mg/ml).  
**Storage:** -20°C  
**Stability:** ≥ 2 years.



### Applications

PKA inhibitor

### Functions

KT5720 (108068-98-0) is a potent selective protein kinase A inhibitor: PKA ( $K_i = 60$  nM). Displays no effect on PKC or PKG ( $K_i > 20$  µM). KT-5720 inhibits axon branching in cultured embryonic rat hippocampal pyramidal neurons. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 25 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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