

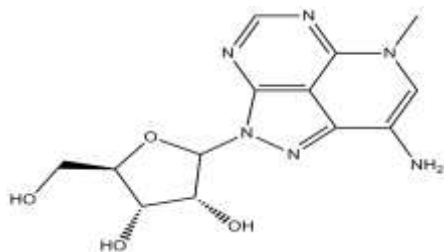
## Triciribine

**ALTERNATE NAME:** 1,5-Dihydro-5-methyl-1-β-D-ribofuranosyl-1,2,5,6,8-pentaazanaphthylen-3-amine; NSC 154020

**CATALOG #:** 1707-1

**AMOUNT:** 1 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>13</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 320.30

**CAS NUMBER:** 35943-35-2

**APPEARANCE:** Pale yellow solid

**SOLUBILITY:** DMSO

**PURITY:** >98% by HPLC

**STORAGE:** Store at -20°C.

**DESCRIPTION:** Cell-permeable. A synthetic tricyclic nucleoside which acts as a specific inhibitor of the Akt signaling pathway. It selectively inhibits the phosphorylation and activation of Akt1, -2 and -3 but does not inhibit Akt kinase activity nor known upstream Akt activators such as PI 3-Kinase and PDK1.

**REFERENCES:** Yang, L., *et al.* (2004). *Cancer Res.* **64**, 4394-4399.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

- Akt Inhibitor (**Cat. No. 1701-1**)
- Akt Inhibitor, Isozyme-Selective (**Cat. No. 1708-1**)
- Akt/PKB Polyclonal Ab (**Cat. No. 3247-100**)
- Phospho-Akt Polyclonal Ab (**Cat. No. 3257-100**)