



Nicotinamide phosphoribosyltransferase (NAMPT) inhibitor (Ki=0.4 nM). Induces tumor cell apoptosis. Extends lifespan of human cells. Cell permeable.

- Hasmann et al. (2003), FK866, a highly specific noncompetitive inhibitor of nicotinamide phosphoribosyltransferase, represents a novel mechanism for induction of tumor cell apoptosis; Cancer Res., 63 7436
- 2) Van der Veer et al. (2007), Extension of human cell lifespan by nicotinamide phosphoribosyltransferase; J. Biol. Chem., **282** 10841

## PHYSICAL DATA

| Molecular Weight:      | 427.97   |
|------------------------|--|
| Molecular Formula:     | $C_{24}H_{29}N_3O_2 \cdot HCI$   |
| Purity:                | 98% by TLC   |
|                        | NMR: (Conforms)  |
| Solubility:            | Water (up to 40 mg/ml)   |
| Physical Description:  | Tan solid  |
| Storage and Stability: | Store as supplied at -20°C for up to 2 years from the date of purchase. Material is hygroscopic and must be stored desiccated. Solutions in water may be stored at -20°C for up to 2 months. |

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