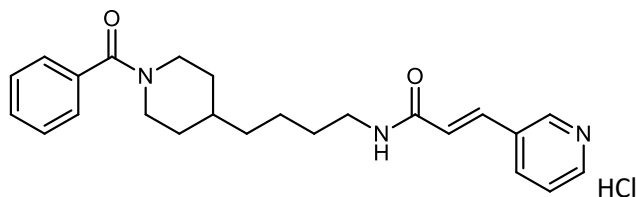


Catalog # 10-1109

FK-866 · HCl

CAS# 658084-64-1 (free base)

Lot # X101015c



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

- 1) 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:	$C_{24}H_{29}N_3O_2 \cdot HCl$
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	Water (up to 40 mg/ml)
Physical Description:	Tan solid
Storage and Stability:	Store as supplied at $-20^{\circ}C$ 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 $-20^{\circ}C$ for up to 2 months.

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