

## Product Information

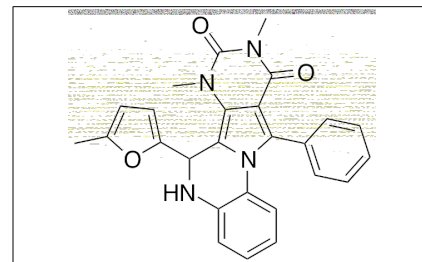
Product ID P6264  
CAS No. 931706-15-9  
Chemical Name

Synonym

Formula  $C_{26}H_{22}N_4O_3$   
Formula Wt. 438.49  
Melting Point  
Purity  $\geq 98\%$   
Solubility 5mg/mL in DMSO

Store Temp  $-20^{\circ}C$   
Ship Temp Ambient

**Description** PPQ-102 is a pyramido-pyrrolo-quinoxalinedione that inhibits the cystic fibrosis transmembrane conductance regulator (CFTR) channel. PPQ-102 exhibits nephroprotective and anti-fibrotic activities, decreasing the size of pre-formed kidney cysts in animal models of polycystic kidney disease.



**Bulk quantities available upon request**

Product ID	Size
P6264	5 mg
P6264	10 mg
P6264	25 mg

**References** Snyder DS, Tradtrantip L, Yao C, et al. Potent, metabolically stable benzopyrimido-pyrrolo-oxazine-dione (BPO) CFTR inhibitors for polycystic kidney disease. *J Med Chem.* 2011 Aug 11;54(15):5468-77. PMID: 21707078.

Tradtrantip L, Sonawane ND, Namkung W, et al. Nanomolar potency pyrimido-pyrrolo-quinoxalinedione CFTR inhibitor reduces cyst size in a polycystic kidney disease model. *J Med Chem.* 2009 Oct 22;52(20):6447-55. PMID: 19785436.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.