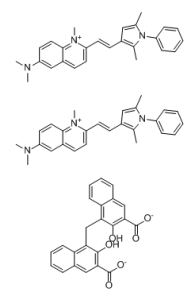


Product Name	: Pyrvinium pamoate	
Synonyms	: Pyrvinium embonate	
Cat No.	: M14210	
CAS Number	: 3546-41-6	
Molecular Formula	: C ₂₆ H ₂₈ N ₃ . 1/2 C ₂₃ H ₁₄ O ₆	
Formula Weight	: 575.70	
Chemical Name	Quinolinium, 6-(dimethylamino)-2-[2-(2,5-dimethyl-1-phenyl-1H-pyrrol-3-yl)ethenyl]-1-methyl-, 4,4'-methylenabis[3-hydroxy-2-naphthalenecarboxylate] (2:1)	
Description	An anthelmintic effective agent for pinworms that shows to be a potent inhibitor of Wnt signaling with EC ₅₀ of 10 nM; binds to all CK1 family members in vitro at low nanomolar concentrations and selectively potentiates CK1α kinase activity; inhibits Wnt signaling downstream of β-catenin, and promotes Pygopus degradation; also is a potent inhibitor of HH signaling by reducing the stability of the Gli family of transcription factors.	
Pathway	: Metabolic Enzyme/Protease	
Target	: Casein Kinase	
Receptor	: Casein Kinase	
Solubility	: DMSO: ≥ 24 mg/mL	
SMILES	<chem>CN(C)C1=CC2=C([N+](C)=C(/C=C/C3=C(C)N(C4=CC=CC=C4)C(C)=C3)C=C2)C=C1.CN(C)C5=CC6=C([N+](C)=C(/C=C/C7=C(C)N(C8=CC=CC=C8)C(C)=C7)C=C6)C=C5.[O-]C(C9=CC%10=C(C=CC=C%10)C(CC%11=C(O)C(C([O-])=O)=CC%12=C%11C=CC=C%12)=C9O)=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Thorne CA, et al. Nat Chem Biol. 2010 Nov;6(11):829-36. | 2. Li B, et al. Cancer Res. 2014 Sep 1;74(17):4811-21. | 3. Li B, et al. Sci Signal. 2017 Jun 27;10(485). pii: eaak9916.