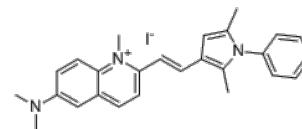


Product Name : Pyrvinium Iodide
Cat. No. : PC-60384
CAS No. : 35648-29-4
Molecular Formula : C₂₆H₂₈IN₃
Molecular Weight : 509.435
Target : Casein Kinase
Solubility : 10 mM in DMSO



Biological Activity

Pyrvinium Iodide is an anthelmintic effective for pinworms that shows to be a potent inhibitor of **Wnt** signaling with EC₅₀ of 10 nM, binds to all CK1 family members in vitro at low nanomolar concentrations and selectively potentiates **CK1α** kinase activity.

Pyrvinium Iodide inhibits Wnt signaling downstream of β-catenin, and promotes Pygopus degradation.

Pyrvinium Iodide also is a potent inhibitor of **HH signaling** by reducing the stability of the Gli family of transcription factors.

References

Thorne CA, et al. *Nat Chem Biol.* 2010 Nov;6(11):829-36.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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