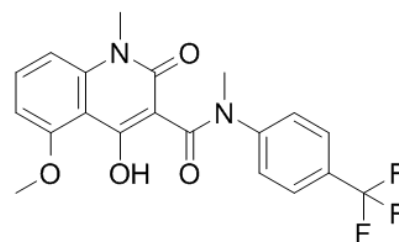


Product Name : Tasquinimod
Cat. No. : PC-42638
CAS No. : 254964-60-8
Molecular Formula : C₂₀H₁₇F₃N₂O₄
Molecular Weight : 406.3552
Target : HDAC
Solubility : DMSO: ≥ 42 mg/mL



Biological Activity

Tasquinimod (ABR215050) is an orally active antiangiogenic agent with anti-prostate cancer activity, an allosteric modulator of **HDAC4** with K_d of 10-30 nM. Tasquinimod inhibits colocalization of N-CoR/HDAC3, thereby inhibiting deacetylation of histones and HDAC4 client transcription factors, such as HIF-1 α . Tasquinimod also is a **S100A9** inhibitor.

References

- Isaacs JT, et al. *Prostate*. 2006 Dec 1;66(16):1768-78.
Olsson A, et al. *Mol Cancer*. 2010 May 17;9:107.
Dalrymple SL, et al. *Prostate*. 2012 May 1;72(6):638-48.
Isaacs JT, et al. *Cancer Res*. 2013 Feb 15;73(4):1386-99.

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

E-mail: tech@probechem.com