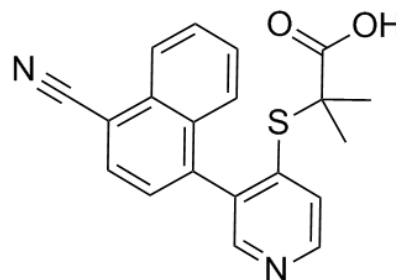


Product Name : Verinurad
Cat. No. : PC-45065
CAS No. : 1352792-74-5
Molecular Formula : C₂₀H₁₆N₂O₂S
Molecular Weight : 348.4182
Target : URAT1
Solubility : 10 mM in DMSO



Biological Activity

Verinurad (RDEA3170) is a highly potent and specific **URAT1** inhibitor with IC₅₀ of 25 nM.

Verinurad (RDEA3170) displays 200-fold lower affinity for the related URAT1 homologs OAT4 and OAT1.

Verinurad (RDEA3170) reduces the sUA by up to 60% with a single 40 mg dose in healthy human volunteers, and increases the FEUA in a dose-dependent manner with EC₅₀ of 22 nM.

Verinurad (RDEA3170) shows potential for the treatment of gout and asymptomatic hyperuricemia.

References

Tan PK, et al. *Sci Rep.* 2017 Apr 6;7(1):665.

Shen Z, et al. *Drug Des Devel Ther.* 2017 Jul 7;11:2077-2086.

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

E-mail: tech@probechem.com