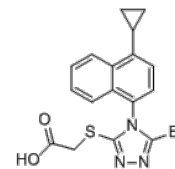


Product Name : Lesinurad
Cat. No. : PC-20286
CAS No. : 878672-00-5
Molecular Formula : C₁₇H₁₄BrN₃O₂S
Molecular Weight : 404.28
Target : URAT1
Solubility : 10 mM in DMSO



Biological Activity

Lesinurad (RDEA594) is a potent selective urate anion transporter 1 (**URAT1**) inhibitor with IC₅₀ of 3.5 and 81 μM for human and rat URAT1, respectively.

Lesinurad (RDEA594) decreases uptake of urate by MDCK cells transfected with human URAT1.

Lesinurad (80 mg/kg) decreases serum levels of uric acid and urea nitrogen in a rat model of gout.

References

Miner JN, et al. *Arthritis Res Ther*. 2016 Oct 3;18(1):214.

Dalbeth N, et al. *Arthritis Rheumatol*. 2017 Sep;69(9):1903-1913.

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

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