
Product Data Sheet

Product Name: Pivmecillinam (FL-1039)

Cat. No.: GC32260

Chemical Properties

Cas. No. 32886-97-8

SMILES O=C([C@@H](C(C)(C)S[C@]1([H])[C@@H]2/N=C/N3CCCCC3)N1C2=O)OCOC(C(C)(C)C)=OFormula C₂₁H₃₃N₃O₅S M.Wt 439.57

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Pivmecillinam (FL-1039) is an orally active prodrug of mecillinam, an extended-spectrum penicillin antibiotic.

[1]. Nicolle LE. Pivmecillinam in the treatment of urinary tract infections. J Antimicrob Chemother. 2000 Aug;46 Suppl A:35-39. [2]. Graninger W. Pivmecillinam--therapy of choice for lower urinary tract infection. Int J Antimicrob Agents. 2003 Oct;22 Suppl 2:73-8. [3]. Holme E, et al. Carnitine deficiency induced by pivampicillin and pivmecillinam therapy. Lancet. 1989 Aug 26;2(8661):469-73.

Caution: Product has not been fully validated for medical applications. For research use only.

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