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**Product Data Sheet**

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Product Name: A7132  
Cat. No.: GC32373

**Chemical Properties**

Cas. No. 100490-21-9

SMILES O=C(C1=CN(C2=CC=C(F)C=C2)C3=C(C=C(F)C(N4CCNCC4)=N3)C1=O)O

Formula  $C_{19}H_{16}F_2N_4O_3$  M.Wt 386.35

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**

A7132 is an antibacterial agent. A7132 possess broad and potent antibacterial activity.

A7132 (Compound 31) shows great oral activity against *S. aureus* NCTC 10649, *E. coli* Juhl and *P. aeruginosa* 5007 with MICs of 0.25, 0.05 and 0.39 µg/mL, respectively[1].

[1]. Chu DT, et al. Synthesis and structure-activity relationships of new arylfluoronaphthyridine antibacterialagents. *J Med Chem.* 1986 Nov;29(11):2363-9.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA