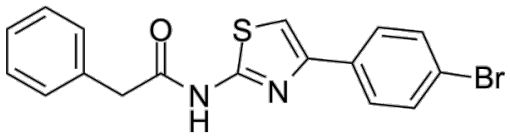
Product Data Sheet

Product Name: Antibacterial agent 143
Cat. No.: GC75507

Chemical Properties

Cas. No.	299405-68-8		
Formula	$C_{17}H_{13}BrN_2OS$	M.Wt	373.27
Solubility	DMSO: 100 mg/mL (267.90 mM; Need ultrasonic)	Storage	4°C, protect from light
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

Antibacterial agent 143 (Compound 5a) is an antibacterial agent with MICs of 25, 25, 50 and 50 µg/mL against *B. subtilis* ATCC6633, *S. aureus* ATCC6538, *P. aeruginosa* ATCC13525 and *E. coli*

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ATCC35218, respectively[1].

References:

[1]. Li JR, et al. Design and synthesis of thiazole derivatives as potent FabH inhibitors with antibacterial activity. Eur J Med Chem. 2014 Mar 21;75:438-47.