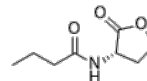


Product Name : N-butyryl-L-homoserine lactone
Cat. No. : PC-28034
CAS No. : 67605-85-0
Molecular Formula : C₈H₁₃NO₃
Molecular Weight : 171.20
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

N-Butanoyl-L-homoserine lactone (C4-HSL) is a *Pseudomonas aeruginosa* **quorum-sensing signal molecule**, blocks quorum sensing and inhibits biofilm formation in *Pseudomonas aeruginosa*, also is a cleavable ADC linker for synthesis of ADCs.

References

Pearson JP, et al. *Proc Natl Acad Sci U S A*. 1995 Feb 28;92(5):1490-4.

Jiang Y, et al. *Mol Microbiol*. 1998 Apr;28(1):193-203.

Lindum PW, et al. *J Bacteriol*. 1998 Dec;180(23):6384-8.

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

E-mail: tech@probechem.com