

Product Datasheet

CSP1 (orb2692727)

Catalog Number	orb2692727
Category	Proteins
Description	CSP1 is a potent and selective ComD1 receptor agonist, with an IC50 of 10.3 nM. CSP1 is a major variants of competence-stimulating peptide (CSP), and it can regulate genetic transformation of <i>S. pneumonia</i> by modulating quorum sensing (QS). CSP1 can act as an antibacterial agent.
Target	others
Purity	≥95%
Protein Sequence	EMRLSKFFRDFILQRKK
MW	2242.74
Solubility (25°C)	Water: 100 mg/mL
CAS Number	172889-49-5
Formula	$C_{103}H_{168}N_{30}O_{24}S$
Note	For research use only
Expiration Date	6 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)