Bactenecin-5 precursor peptide

Bac5 is a 5-kDa proline-arginine rich antibiotic with a high degree of homology with PR39, an inhibitor of the 20S and 26S proteasome. Recently bactenecin 5 has been demonstrated to inhibit the chymotrypsin-like activity of the 20S proteasome.

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Bac5-GRR
Appearance	White powder.
MW	5517.8
Purity	≥95% (HPLC)
Sequence	H-Arg-Phe-Arg-Pro-Pro-Ile-Arg-Arg-Pro-Pro-Ile-Arg-Pro-Pro-Phe-Tyr-Pro-Pro-Phe-Arg- Pro-Pro-Ile-Arg-Pro-Pro-Ile-Phe-Pro-Pro-Ile-Arg-Pro-Pro-Phe-Arg-Pro-Pro-Leu-Gly-Pro-Phe-Pro-Gly-Arg-Arg-OH
Solubility	Soluble in aqueous solution.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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