

AcrAP2

## Chemical Properties

CAS No. :

Formula: C<sub>95</sub>H<sub>149</sub>N<sub>21</sub>O<sub>22</sub>

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	AcrAP2 is an antimicrobial peptide found in the venom of the Arabian scorpion ( <i>Androctonus crassicauda</i> ). It exhibits inhibitory effects on Gram-positive bacteria and yeast while generally showing no activity against Gram-negative bacteria. The cationic-enhanced analogue of AcrAP2 (AcrAP2a) has demonstrated significant antiproliferative effects on certain human cancer cell lines at low concentrations. AcrAP2 holds potential for research in antibacterial and antitumor applications.
Targets(IC50)	Antibacterial, Antifungal

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481