



	<b>Experiment title:</b> Brefeldin A-ADP ribosylated substrate	<b>Experiment number:</b> LS-2183
<b>Beamline:</b> ID14-EH2	<b>Date of experiment:</b> from: 08-04-02 to: 08-04-02	<b>Date of report:</b> 01-09-2002
<b>Shifts:</b> 2	<b>Local contact(s):</b> Steffi Arzt	<i>Received at ESRF:</i>
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## Report:

Ligand binding experiments on BARS crystals.

The aim of the experiments was to bind a series of substrate-analogues and a peptide to the protein. 5 full data sets have been collected with the following data processing statistics

Space group: P6(4)22

1) Unit cell: a=b=89.1 Å, c=162.4 Å	Resolution: 2.7 Å	Rsym: 5.2%
2) Unit cell: a=b=87.1 Å, c=163.6 Å	Resolution: 2.5 Å	Rsym: 7.4%
3) Unit cell: a=b=89.0 Å, c=162.5 Å	Resolution: 2.6 Å	Rsym: 3.8%
4) Unit cell: a=b=89.0 Å, c=161.6 Å	Resolution: 2.7 Å	Rsym: 5.2%
5) Unit cell: a=b=84.8 Å, c=159.7 Å	Resolution: 3.1 Å	Rsym: 12.5%

While the substrate-analogue binding was not successful, analysis of the electron density map showed that the peptide was bound to the protein. The model of the complex is currently under refinement.