

	Experiment title: BAG-LEBS-2007-2	Experiment number: MX-669
Beamline: ID23-2	Date of experiment: from: 04/10/07 – 8:30 to: 05/10/07–8:00	Date of report: 21/2/08
Shifts: 3	Local contact(s): Dr D. NURIZZO	<i>Received at ESRF:</i>
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Report:

Philippe Meyer*, Christophe Caillat*: Structural and functional analysis of the Hsp90 machinery with specific inhibitors for therapeutic purposes (1 shift).

Project HspNovo :

Many crystals tested and a lot of time spent on crystal centring. The crystals degraded very quickly in the beam thus we used helicoidal data collection. However the crystal centring could not yet be checked at both initial and final position of collection so the crystals were often seen misaligned during the collection. Datasets collected up to 2.8 Å (unit cell a=87, b=45, c=94 space group P2) of Hsp90 fragment co-crystallized with novobiocin. The structures were solved by MR but even though the resolution was improved compared to previous experiments the inhibitor was still poorly defined in the electron density.

We had to leave the beamline at 2 am because of a control software crash. MxCUBE could not be restarted.