

# Application for a crystal structure determination

## NWO-CW/UU X-ray Crystallographic Participation Research Project

Code:

*(don't fill in this box)*

In order to use the limited capacity of both personnel and machines efficiently, it is necessary to have as much information as possible concerning the investigated structure. A request for structure determination will therefore be considered only if crystals of sufficient quality are available and this form has been filled out. Flasks with crystals should be clearly labeled. A price list for structure determinations is available from M. Lutz.

Application forms should be sent to Dr. M. Lutz, Crystal and Structural Chemistry, Utrecht University, Padualaan 8, 3584 CH Utrecht. Tel. 030-2533902, Fax 030-2533940, E-mail: m.lutz@uu.nl. Visiting address (preferably after appointment): room N802, Hugo R. Kruytgebouw.

Name applicant(s)	
Name workgroup leader	
Address	
Telephone applicant(s)	
Telefax applicant(s)	
E-mail applicant(s)	
Structural formula of the expected structure and/or alternatives. <b>Indicate the desired atom labelling scheme as well.</b>	
Own substance code	
Chemical name (if possible)	
Sum formula	
Elemental analysis (if available)	
Which other techniques have been used to investigate the compound?	<input type="radio"/> NMR <input type="radio"/> IR <input type="radio"/> Mass spectrometry <input type="radio"/>

Colour of the crystals	
Shape of the crystals	
Type of flask (Schlenk, Erlenmeyer, test tube, etc.)	
Special circumstances (air, moisture or light sensitivity; toxicity; explosion risk)	
Substances, reagents and solvents used during synthesis	
Solvents used during crystallization	
Which questions do you want to answer with the results of the crystal structure determination (use extra page if necessary).	
Absolute structure determination	<input type="radio"/> achiral or racemic compound <input type="radio"/> only one enantiomer present
For which related compounds has the crystal structure been determined?	
Relevant literature	
Publication	<input type="radio"/> I prefer separate publication of the chemical and crystallographic work <input type="radio"/> I propose a joint publication

\_\_\_\_\_

Date

\_\_\_\_\_

Signature applicant

\_\_\_\_\_

Signature workgroup leader