|  |  |  |
| --- | --- | --- |
| Submitted by |  | Order Number |
|  |  | Sample Reference |
|  |  | Telephone Contact |
|  |  | Email |
| Invoice Address |  | Date |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Weight of sample (mg) |  | Formula  *CwHxOyNz etc.* | Mass  *Monoisotopic Mass < 1000 Da* |
|  | Solubility  *If in solution, state solvent and concentration* |  | Structural formula | |
|  | Reference |  |
|  | Mpt/Bpt |  |
|  | Purity  *% & method* |  |
|  | Stability  *Heat/light/air/water/ solvent loss* |  |

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| **Mass Spectrometry** | MS Reference: | Date Analysed: |
| Method of Analysis ⬜ EI ⬜ CI ⬜ ESI ⬜ APCI ⬜ MALDI  *Please state preferred matrix if known*  ⬜ MS-MS ⬜ GC-MS ⬜ HPLC-MS  *Include chromatography conditions* | ⬜ Accurate Mass Measurement  *If accurate mass measurement is required please state ion(s) of interest from the low resolution mass spectrum.* | |
| NMR Spectroscopy | NMR Reference: | Date Analysed: |
| Observe nucleus  ⬜1H ⬜13C ⬜19F ⬜31P ⬜ Other:  *Indicate a chemical shift for reference compound if known*  ⬜ 1H decoupling | ⬜ COSY ⬜ HMQC ⬜ HMBC  ⬜ NOE study ⬜ VT NMR  *Indicate irradiation points Indicate temperature range* | |
| **Single Crystal X-Ray Diffraction** | XRD Reference: | Date Analysed: |
| ⬜ Full Structure Solution | ⬜ Unit cell determination only | |
| Additional requirements:  ⬜ Absolute structure determination  *Prior discussion required* | ⬜ Temperature other than 120 K  *Please indicate required temperature* | |

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| **COSHH Information:**  Please Note Your sample will NOT be accepted unless this section is fully completed | | | | | | | | | | | | | | | | | | | | | | | | |
| Brief description of sample (e.g. organic amide) | | | | | | | | | | | | | | List any known hazards associated with this sample | | | | | | | | | | |
|  | | | | | | | | | | | | | |  | | | | | | | | | | |
| Chemical Hazard Information & Packaging (CHIP4) Please tick (✓) all those that apply | | | | | | | | | | | | | | | | | | | | | | | | |
| ex.gif | E |  | ox.gif | O |  | fire.gif | F+ |  | fire.gif | F |  | skull.gif | T+ | |  | skull.gif | T |  | corro.gif | C |  | E: Explosive | O: Oxidising | C: Corrosive |
| skull.gif | Carcinogen Category 1 | | | |  | skull.gif | Carcinogen Category 2 | | | |  | x.gif | Carcinogen Category 3 | | | | |  | env.gif | N |  | Xn: Harmful | F+: Extremely Flammable  F: Highly Flammable | |
| skull.gif | Mutagen Category 1 | | | |  | skull.gif | Mutagen Category 2 | | | |  | x.gif | Mutagen Category 3 | | | | |  | x.gif | Xn |  | Xi: Irritant | T+: Very Toxic  T: Toxic | |
| skull.gif | Reproductive Toxin Category 1 | | | |  | skull.gif | Reproductive Toxin Category 2 | | | |  | x.gif | Reproductive Toxin Category 3 | | | | |  | x.gif | Xi |  | N: Dangerous to the environment | | |
| Signature | | | | | | | | | | | | | | Date | | | | | | | | | | |