|  |  |  |
| --- | --- | --- |
| 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* |  |

|  |  |  |
| --- | --- | --- |
| **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 FlammableF: Highly Flammable |
| skull.gif | Mutagen Category 1 |  | skull.gif | Mutagen Category 2 |  | x.gif | Mutagen Category 3 |  | x.gif | Xn |  | Xi: Irritant | T+: Very ToxicT: 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 |