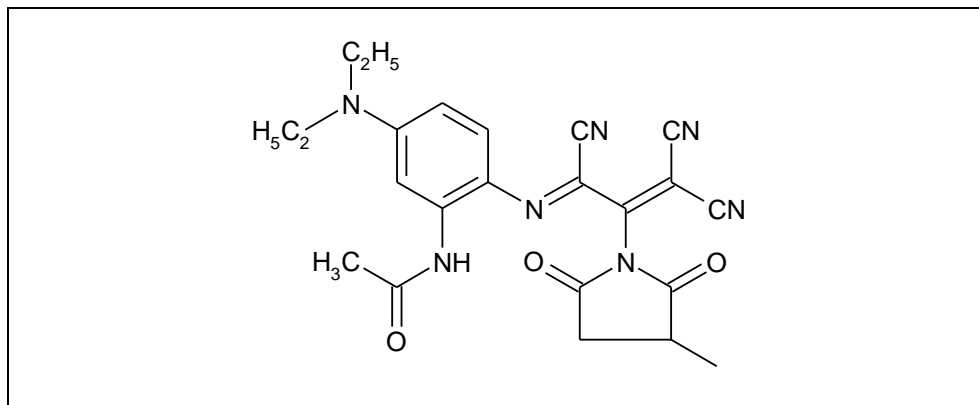


CASRN: 140234-93-1**1. Name**

Cyan Dye

2. Chemical structure**3. Features:**

| | |
|-------------------------------|---|
| Formula: | C ₂₃ H ₂₃ N ₇ O ₃ |
| Molecular weight: | 445.48 |
| Absorption maximum (methanol) | 638 nm |
| E max: | 92982 mol/l.cm |
| Melting point: | 189 °C |
| Appearance | green crystals |

4. Specifications**TSC 018**

| Tests according to method : | Specification |
|---------------------------------|------------------------------|
| Assay | |
| O.D. at 644 nm versus compare | 95 – 105 % |
| T.L.C. | |
| V137471 | ≤ 0.1 % |
| V160459 | ≤ 1.5 % |
| V161250 | ≤ 5 % |
| sum of the contaminants | ≤ 5 % |
| T.L.C. -impurities | in accordance with reference |
| Photographical test | applicable |
| Solubility g/100ml at 25°C: | |
| water | none |
| MEK | > 5 |
| CH ₂ Cl ₂ | > 10 |
| EtOH | < 0.5 |

5. Registration

No registration

R43, R99, S24, S37