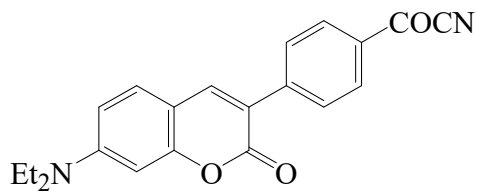




>>Entry Name: 4-[7-(Diethylamino)-2-oxo-2H-1-benzopyran-3-yl]benzoyl cyanide

Synonym(s): 4-[7-(Diethylamino)-2-oxo-2H-1-benzopyran-3-yl]- α -oxobenzeneacetonitrile, 9CI



CAS Registry Number: 203256-20-6

Molecular Formula: C₂₁H₁₈N₂O₃

Molecular Weight: 346.385

Accurate Mass: 346.131743

Percentage Composition: C 72.82%; H 5.24%; N 8.09%; O 13.86%

Use/Importance: Fluorescent derivatization reagent for alcohols in hplc

Physical Description: Reddish needles (EtOAc)

Melting Point: Mp 257-260°

References:

Takechi, H. *et al.*, *Chem. Pharm. Bull.*, 1998, **46**, 159-162, (*synth, ir, pmr, use*)