5-Carboxy-dC

N-1067-5 5 mg

Structural formula of 5-Carboxy-dC

For research use only!

Applications:
Metabolism of dC substituted at position 5\(^1\)
Incorporation into DNA\(^2\)
functional and conformational influence of cytosine modifications\(^3\)

Selected References:

Shipping: shipped at ambient temperature

Storage Conditions: store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 24 months after date of delivery

Molecular Formula: C\(_{10}\)H\(_{13}\)N\(_{3}\)O\(_6\)

Molecular Weight: 271.23 g/mol

Purity: ≥ 95 % (HPLC)

Form: white to off-white powder

Solubility: water, methanol

Spectroscopic Properties: \(\lambda_{\text{max}} \) 280 nm; \(\varepsilon \) 7.6 L mmol\(^{-1}\) cm\(^{-1}\) (Tris-HCl pH 7.5)