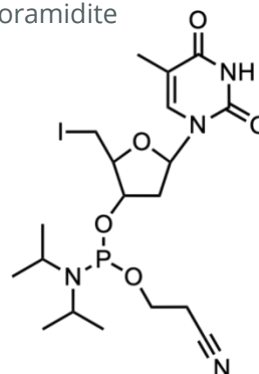


PRODUCT SPECIFICATION SHEET

Product Details:

Name of material	5'-Iodo-2'-deoxythymidine 3'-CE phosphoramidite
Product ID / SKU	C-01
Purity	≥ 98.0% (HPLC, 267 nm)
Origin	Synthetic
CAS No.	195207-78-4
Molecular Formula	C ₁₉ H ₃₀ IN ₄ O ₅ P
Molecular Weight	552.35 g/mol



Chemical & Physical Properties:

Appearance	White to off-white
Consistency	Powder to crystalline powder

Storage Conditions:

Store in the original tightly closed container at -20°C in a cool and dry place, away from light and air.

Recommended Shelf Life:

24 months after production, in unopened original packaging maintained under recommended storage conditions.

Analysis

Action Limit

Purity	HPLC (267 nm)	≥ 98.0%
Identity	NMR (¹ H)	Conforms
Identity	NMR (³¹ P)	Conforms