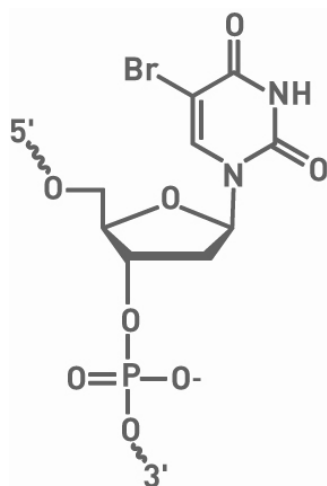


5-Bromo dU

Structure



Key data

λ_{max} 278 nm

Extinction Coef (at absorbance max): 9,700

5' MW: 369.1 g/mol

Int MW: 369.1 g/mol

Requires HPLC purification

Properties

5-Bromo-deoxyuridine is a photoreactive halogenated base that can be incorporated into oligonucleotides to crosslink them to DNA, RNA or proteins with exposure to UV light. Crosslinking is maximally efficient with light at 308 nm.