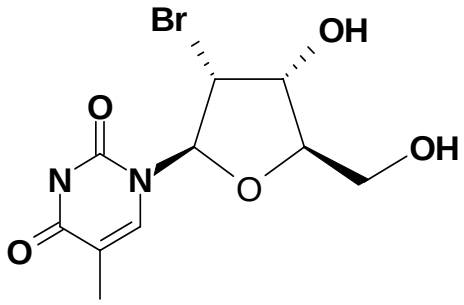
Product Specifications

Item	**2'-Deoxy-2'-Bromothymidine**
Syn:	2'-Bromo-2'-deoxy-5-methyluridine
CAS No.	**95585-76-5**
Mol. Formula	**$C_{10}H_{13}BrN_2O_5$**
Mol. Weight	**321.12**
Structure	

Test	*Specification*
Appearance	White microcrystalline solid
Identity	IR
Melting Point	186 - 189 ^{0}C (Lit.)
Sp. Rot., $[\alpha]^{23}_D$	-4°, *c* = 0.6 in H_2O [Lit.]
Assay (hplc)	> 98 %
TLC	Single Spot
Heavy Metals (Pb)	< 10 ppm
As	< 1 ppm
LOD	< 0.5%
Residue on Ignition	< 0.1%

Storage: Maintain in cool, dry containment