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## Product Datasheet

### 5-Vinyl-2-deoxyuridine (5-VdU), CAS [[55520-67-7]] BYT-ORB532301

Article Name	5-Vinyl-2-deoxyuridine (5-VdU), CAS [[55520-67-7]]
Biozol Catalog Number	BYT-ORB532301
Supplier Catalog Number	orb532301
Alternative Catalog Number	BYT-ORB532301-10
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	5-VdU (5-Vinyl-2-deoxyuridine) can be used as a replacement for BrdU (5-Bromo-2-deoxyuridine) or the copper-catalyst requiring 5-EdU (5-Ethynyl-2-deoxyuridine) to measure de novo DNA synthesis during the S-phase of the cell cycle. 5-VdU is cell perme...
Molecular Weight	Theoretical MW: 254.24 g/mol, Detected MW: 254.09 g/mol
Purity	98% (HPLC)
Form	solid, Color: white to off-white
CAS Number	[55520-67-7]
Formula	C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>
Application Notes	Solubility: DMSO, methanol. Application Notes: DNA synthesis monitoring. Spectroscopic Propertie: max 292 nm, 9.2 L mmol <sup>-1</sup> cm <sup>-1</sup> , (Methanol)