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## Product Datasheet

### 5-Ethynyl-2-deoxyuridine, CAS [[61135-33-9]]

**FBM-10-2794**

Article Name	5-Ethynyl-2-deoxyuridine, CAS [[61135-33-9]]
Biozol Catalog Number	FBM-10-2794
Supplier Catalog Number	10-2794
Alternative Catalog Number	FBM-10-2794-50MG, FBM-10-2794-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DNA labeling...
Molecular Weight	252.23
Purity	98% by HPLC NMR (Conforms)
Form	white or off-white solid
CAS Number	[61135-33-9]
Formula	C11H12N2O5
Application Notes	A novel agent for fast and sensitive detection of DNA synthesis <i>in vivo</i> <sup>1</sup> . 5-EdU is incorporated into proliferating cells followed by detection with a fluorescent azide using click ligation <sup>1</sup> . In contrast to the use of BrdU, the new method does not require sample fixation or DNA denaturation. May be used for studying cell proliferation in the central nervous system and may be combined with BrdU staining in a novel protocol allowing for double labeling of DNA synthesis <sup>2</sup> .