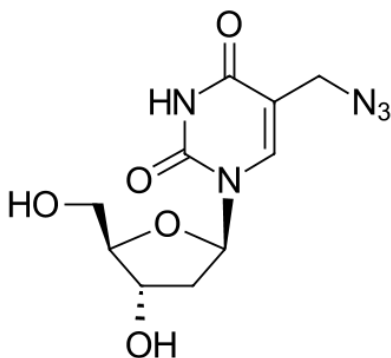


## AmdU (5-Azidomethyl-2'-deoxyuridine)

<http://cn.lumiprobe.com/p/amdu-azidomethyl-deoxyuridine>

Azidomethyl-dU (AmdU) is a nucleoside that contains an azide group. The structure of the nucleoside is similar to thymidine, and it is incorporated into nascent DNA by cellular polymerases, similar to EdU.

In contrast to EdU which needs to be further modified with azides in the presence of the copper catalyst, AmdU can also react in the absence of copper catalyst using SPAAC click chemistry with strained cycloalkynes, such as [cyclooctynes](#). This enables the detection of nascent DNA in benign, copper-free conditions.



外观:

分子量: 283.24

CAS 编号: 59090-48-1

分子式:  $C_{10}H_{13}N_5O_5$

IUPAC 名称: 5-Azidomethyl-2'-deoxyuridine

溶解度:

质量控制:

储存条件:

法律声明: