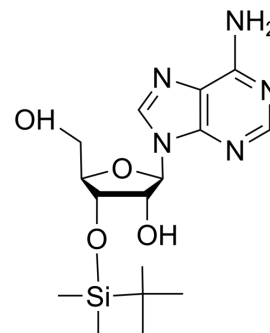


## 3'-O-t-Butyldimethylsilyladenosine

Cat. No.:	HY-W558459
CAS No.:	69504-14-9
Molecular Formula:	C <sub>16</sub> H <sub>27</sub> N <sub>5</sub> O <sub>4</sub> Si
Molecular Weight:	381.5
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3'-O-t-Butyldimethylsilyladenosine is an adenosine analog. Adenosine analogs mostly act as smooth muscle vasodilators and have also been shown to inhibit cancer progression. Its popular products are adenosine phosphate, Acadesine (HY-13417), Clofarabine (HY-A0005), Fludarabine phosphate (HY-B0028) and Vidarabine (HY-B0277)<sup>[1]</sup>.

### REFERENCES

[1]. Man S, et al. Potential and promising anticancer drugs from adenosine and its analogs. Drug Discov Today. 2021 Jun;26(6):1490-1500.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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