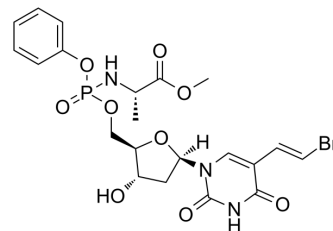


## Thymectacin

Cat. No.:	HY-106168
CAS No.:	232925-18-7
Molecular Formula:	C <sub>21</sub> H <sub>25</sub> BrN <sub>3</sub> O <sub>9</sub> P
Molecular Weight:	574.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Thymectacin (NB1011) is an agent selectively targeting tumor cells that have a high expression of thymidylate synthase (TS). Thymectacin is an aryloxy phosphoramidate derivative of BVdU (brivudin) <sup>[1][2]</sup> .
<b>In Vitro</b>	Thymectacin (NB1011) is an agent selectively targeting tumor cells that have a high expression of thymidylate synthase (TS) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wilson RH. Novel therapeutic developments other than EGFR and VEGF inhibition in colorectal cancer. *Oncologist*. 2006;11(9):1018-1024.

[2]. Congiatu C, et al. Novel potential anticancer naphthyl phosphoramidates of BVdU: separation of diastereoisomers and assignment of the absolute configuration of the phosphorus center. *J Med Chem*. 2006;49(2):452-455.

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

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