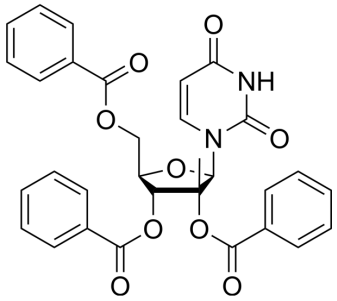
1-(2,3,5-Tri-O-benzoyl-2-C-methyl-β-D-ribofuranosyl)-2,4(1H,3H)-pyrimidinedione

Cat. No.:	HY-154652
CAS No.:	23643-36-9
Molecular Formula:	$C_{31}H_{26}N_2O_9$
Molecular Weight:	570.55
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	1-(2,3,5-Tri-O-benzoyl-2-C-methyl-β-D-ribofuranosyl)-2,4(1H,3H)-pyrimidinedione is a uridine analog. Uridine has potential antiepileptic effects, and its analogs can be used to study anticonvulsant and anxiolytic activities, as well as to develop new antihypertensive agents[1].

REFERENCES

[1]. Connolly GP, et al. Uridine and its nucleotides: biological actions, therapeutic potentials. Trends Pharmacol Sci. 1999 May;20(5):218-25.

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