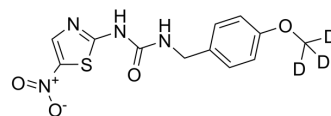


AR-A014418-d₃

Cat. No.:	HY-10512S
CAS No.:	1216908-63-2
Molecular Formula:	C ₁₂ H ₉ D ₃ N ₄ O ₄ S
Molecular Weight:	311.33
Target:	GSK-3; Isotope-Labeled Compounds
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AR-A014418-d₃ is the deuterium labeled AR-A014418. AR-A014418 is a potent, selective, and ATP-competitive GSK3 β inhibitor (IC₅₀=104 nM; K_i=38 nM)[1].

REFERENCES

[1]. Bhat R, Xue Y, Berg S, Structural insights and biological effects of glycogen synthase kinase 3-specific inhibitor AR-A014418. J Biol Chem. 2003 Nov 14;278(46):45937-45.

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

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