



biochemicals

Manufactured by VDM Biochemicals.LLC

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Product Data Sheet

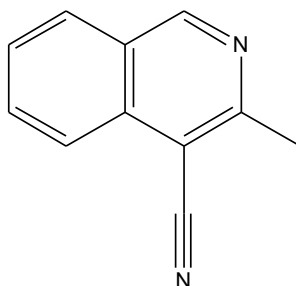
Product name: **4-Cyano-3-methylisoquinoline**

Cat. number: **VD-OEIA-10027** CAS Number: **161468-32-2** Lot number: **VD000104** www.vdm.bio

Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula:	C ₁₁ H ₈ N ₂
MW:	168.2
Purity:	>=95% by HPLC
Appearance:	White solid
Solubility:	DMSO
Storage:	+2°C to +8°C.
Synonyms:	3-methylisoquinoline-4-carbonitrile

Product Description:

A potent, cell-permeable, reversible, and specific inhibitor of protein kinase A (IC₅₀ = 30 nM). Inhibition is competitive with respect to ATP. Shows only weak inhibitory activities against Ca²⁺-dependent protein kinase (CDPK), MLCK, PKC, and cyclic nucleotide-binding phosphatase.

Product References

1.Lu, Z.X., et al. 1996. Biol. Chem. Hoppe Seyler 377, 373.

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