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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Acetonitrile-¹⁵N

Cat. No.:	HY-W750600
CAS No.:	14149-39-4
Molecular Formula:	C ₂ H ₃ ¹⁵ N
Molecular Weight:	42.05
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Acetonitrile-15N (Methyl cyanide-15N) is a stable isotope labeled organic compound with important applications in metabolic research and molecular labeling. Acetonitrile-15N is used in biolabeling experiments to track metabolic pathways and help understand the chemical reaction mechanisms in organisms. Acetonitrile-15N is also widely used in environmental science to study the migration and transformation processes of pollutants.

REFERENCES

- [1]. Synthesis and photophysical behavior of a water-soluble fluorescein-bearing polymer for Fe³⁺ ion sensing
- [2]. Sequential formation of covalently bonded hydrogel multilayers through surface initiated photopolymerization
- [3]. A fluorescein-based probe with high selectivity to cysteine over homocysteine and glutathione
- [4]. Fluorescent molecularly imprinted polymer film binds glucose with a concomitant changes in fluorescence

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA