



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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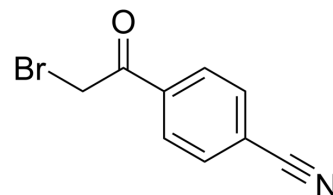
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## 4-(2-Bromoacetyl)benzonitrile

Cat. No.:	HY-79638
CAS No.:	20099-89-2
Molecular Formula:	C <sub>9</sub> H <sub>6</sub> BrNO
Molecular Weight:	224.05
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

4-(2-Bromoacetyl)benzonitrile (4-Cyanophenacyl bromide) can be used to the synthesis of STA-5312. STA-5312 is a potent and orally active microtubule inhibitor<sup>[1][2]</sup>.

### REFERENCES

- [1]. Hao Li, et al. Development of a Practical Synthesis of STA-5312, a Novel Indolizine Oxalylamide Microtubule Inhibitor. *Org. Process Res. Dev.* 2007, 11, 2, 246–250
- [2]. Keizo Koya, et al. STA-5312, a novel tubulin inhibitor, demonstrates the anti-cancer activity against chemotherapy-resistant cancers. *Cancer Res*, Volume 45, 2004.

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

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