



# 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

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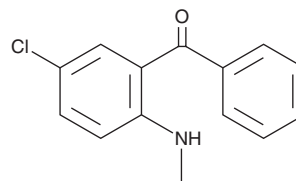
# PRODUCT INFORMATION



## 2-Methylamino-5-chlorobenzophenone

Item No. 36069

**CAS Registry No.:** 1022-13-5  
**Formal Name:** [5-chloro-2-(methylamino)phenyl]phenylmethanone  
**Synonyms:** 5-Chloro-2-(methylamino)benzophenone, Diazepam Related Compound A, MACB, Ro 5-4365, Temazepam Related Compound A  
**MF:** C<sub>14</sub>H<sub>12</sub>ClNO  
**FW:** 245.7  
**Purity:** ≥98%  
**UV/Vis.:** λ<sub>max</sub>: 236 nm  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Description

2-Methylamino-5-chlorobenzophenone (Item No. 36069) is an analytical reference standard categorized as a benzophenone.<sup>1-3</sup> 2-Methylamino-5-chlorobenzophenone is a metabolite of diazepam (Item Nos. ISO60177 | 15887) and has also been used as a synthetic intermediate in the synthesis of diazepam.<sup>1,2</sup> It has been found in seized etizolam samples.<sup>3</sup> This product is intended for research and forensic applications.

### References

1. Jain, R. Simplified method for simultaneous determination of diazepam and its metabolites in urine by thin-layer chromatography and direct densitometry. *J. Chromatogr.* **615(2)**, 365-368 (1993).
2. Olguín, H.J., Guzmán, D.C., García, E.H., et al. Diazepam: Principal indications related with its molecular actions and advantages *Diazepam 59-80 Laboratorio de Farmacología, Instituto Nacional de Pediatría* (2014).
3. Downey, C., O'Donnell, A., McLaughlin, G., et al. An unusual detection of 2-amino-3-(2-chlorobenzoyl)-5-ethylthiophene and 2-methylamino-5-chlorobenzophenone in illicit yellow etizolam tablets marked "5617" seized in the Republic of Ireland. *Drug Test Anal.* (2021).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

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