Product Data Sheet

5-Chloro-2-(methylamino)benzophenone

Cat. No.: HY-W011991 CAS No.: 1022-13-5 Molecular Formula: C₁₄H₁₂ClNO

245.71 Target: **Biochemical Assay Reagents**

Pathway: Others

Molecular Weight:

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

BIOLOGICAL ACTIVITY

Description	(5-Chloro-2-(methylamino)phenyl)(phenyl)methanone is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	2-Methylamino-5-chlorobenzophenone is an analytical reference standard categorized as a benzophenone.1,2,3 2-Methylamino-5-chlorobenzophenone is a metabolite of diazepam and has also been used as a synthetic intermediate in the synthesis of dia zepam. It has been found in seized etizolam samples.3 This product is intended for research and forensic applications. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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, HJ, GuzmÁn, DC, García, EH, et al. Diazepam: Principal indications related with its molecular actions and advantages Diazepam 59-80 (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).

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