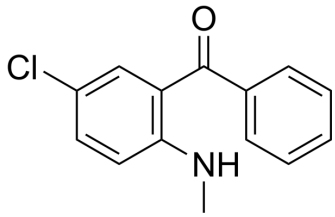
5-Chloro-2-(methylamino)benzophenone

Cat. No.:	HY-W011991
CAS No.:	1022-13-5
Molecular Formula:	$C_{14}H_{12}ClNO$
Molecular Weight:	245.71
Target:	Biochemical Assay Reagents
Pathway:	Others
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 densitometryJ . Chromatogr .615(2)365-368(1993).

[2]. Olguín, HJ, GuzmÁn, DC, GarcÍa, EH, et al.Diazepam: Principal indications related with its molecular actions and advantagesDiazepam59-80(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).

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