



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## D2PM (hydrochloride)

Item No. 11160

CAS Registry No.: 172152-19-1

Formal Name:  $\alpha,\alpha$ -diphenyl-2R-pyrrolidinemethanol,  
monohydrochloride

Synonyms: Diphenylprolinol, Diphenyl-2-  
pyrrolidinemethanol

MF:  $C_{17}H_{19}NO \cdot HCl$

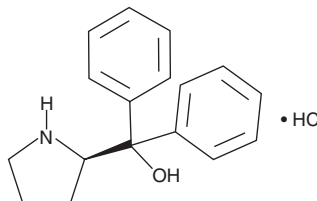
FW: 289.8

Purity:  $\geq 98\%$

Supplied as: A crystalline solid

Storage:  $-20^{\circ}C$

Stability:  $\geq 5$  years



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

### Description

D2PM (hydrochloride) is a psychoactive designer drug that has recently been demonstrated to have toxic effects in humans.<sup>1,2</sup> D2PM is also used in organic synthesis to prepare the Corey-Bakshi-Shibata catalyst.<sup>3</sup> This product is intended for forensic purposes.

### References

1. Lidder, S., Dargan, P.I., Sexton, M., *et al.* Cardiovascular toxicity associated with recreational use of diphenylprolinol (diphenyl-2-pyrrolidinemethanol [D2PM]). *J. Med. Toxicol.* **4**(3), 167-169 (2008).
2. Wood, D.M., Puchnarewicz, M., Johnston, A., *et al.* A case series of individuals with analytically confirmed acute diphenyl-2-pyrrolidinemethanol (D2PM) toxicity. *Eur. J. Clin. Pharmacol.* [In press] (2011).
3. Corey, E.J., Bakshi, R.K., and Shibata, S. Highly enantioselective borane reduction of ketones catalyzed by chiral oxazaborolidines. Mechanism and synthetic implications. *J. Am. Chem. Soc.* **109**, 5551-5553 (1987).

#### 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.

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