



# 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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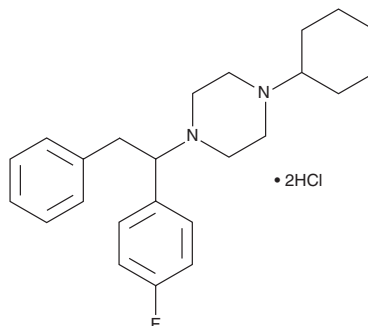
# PRODUCT INFORMATION



## 4-fluoro MT-45 (hydrochloride)

Item No. 25290

**Formal Name:** 1-cyclohexyl-4-(1-(4-fluorophenyl)-2-phenylethyl) piperazine, dihydrochloride  
**Synonyms:** 4-fluoro I-C6, 4F-MT-45  
**MF:** C<sub>24</sub>H<sub>31</sub>FN<sub>2</sub> • 2HCl  
**FW:** 439.4  
**Purity:** ≥98%  
**UV/Vis.:** λ<sub>max</sub>: 266 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

4-fluoro MT-45 (hydrochloride) (Item No. 25290) is an analytical reference standard categorized as an opioid.<sup>1</sup> This product is intended for research and forensic applications.

### Reference

1. McKenzie, C., Sutcliffe, O.B., Read, K.D., *et al.* Chemical synthesis, characterisation and *in vitro* and *in vivo* metabolism of the synthetic opioid MT-45 and its newly identified fluorinated analogue 2F-MT-45 with metabolite confirmation in urine samples from known drug users. *Forensic Toxicol.* **36(2)**, 359-374 (2018).

#### 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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