

# PRODUCT INFORMATION

## 3-fluoro MT-45 (hydrochloride)

Item No. 25289

CAS Registry No.: 2707945-83-1

Formal Name: 1-cyclohexyl-4-[1-(3-fluorophenyl)-2-phenylethyl]-piperazine, dihydrochloride

Synonyms: 3-fluoro I-C6, 3F-MT-45

MF: C<sub>24</sub>H<sub>31</sub>FN<sub>2</sub> • 2HCl

FW: 439.4

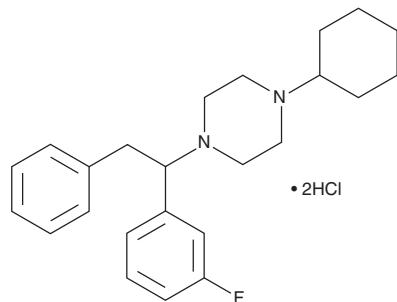
Purity: ≥98%

UV/Vis.: λ<sub>max</sub>: 264, 270 nm

Supplied as: A crystalline solid

Storage: -20°C

Stability: ≥5 years



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

### Description

3-fluoro MT-45 (hydrochloride) (Item No. 25289) 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.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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