

# PRODUCT INFORMATION



## 2-Ethylethcathinone (hydrochloride)

Item No. 11199

CAS Registry No.: 2446466-59-5

Formal Name: 2-(ethylamino)-1-(2-ethylphenyl)-1-propanone, monohydrochloride

Synonym: 2-EEC

MF: C<sub>13</sub>H<sub>19</sub>NO • HCl

FW: 241.8

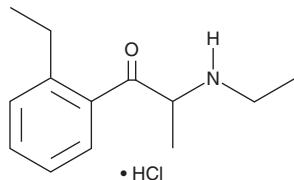
Purity: ≥98%

UV/Vis.: λ<sub>max</sub>: 249 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

Substituted cathinones, like ethcathinone, are psychoactive compounds commonly used as recreational drugs.<sup>1,2</sup> Some have amphetamine-like effects.<sup>3</sup> 2-Ethylethcathinone (hydrochloride) is a substituted cathinone with potential for abuse. Its biological and toxicological properties have not been evaluated. This product is intended for forensic and research applications.

### References

1. Camilleri, A., Johnston, M.R., Brennan, M., et al. Chemical analysis of four capsules containing the controlled substance analogues 4-methylmethcathinone, 2-fluoromethamphetamine, α-phthalimidopropiophenone and N-ethylcathinone. *Forensic Sci. Int.* **197**(1-3), 59-66 (2010).
2. Kikura-Hanajiri, R., Uchiyama, N., and Goda, Y. Survey of current trends in the abuse of psychotropic substances and plants in Japan. *Leg. Med. (Tokyo)* **13**(3), 109-15 (2011).
3. Dal Cason, T.A., Young, R., and Glennon, R.A. Cathinone: An investigation of several N-alkyl and methylenedioxy-substituted analogs. *Pharmacol. Biochem. Be.* **58**(4), 1109-1116 (1997).

#### 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.

Copyright Cayman Chemical Company, 07/07/2023

#### CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD  
ANN ARBOR, MI 48108 - USA

PHONE: [800] 364-9897  
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM  
WWW.CAYMANCHEM.COM