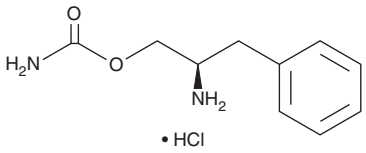
PRODUCT INFORMATION

Solriamfetol (hydrochloride)

Item No. 46577

CAS Registry No.:	178429-65-7
Formal Name:	βR-amino-1-carbamate, benzenepropanol, monohydrochloride
Synonyms:	βR-amino-Benzenepropanol 1-Carbamate, JZP-110
MF:	$C_{10}H_{14}N_2O_2 \bullet HCl$
FW:	230.7
Purity:	≥95%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥10 years



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

Description

Solriamfetol (hydrochloride) (Item No. 46577) is an analytical reference standard categorized as a wake-promoting agent.[1,2] Solriamfetol increases locomotor activity in mice and substitutes for cocaine (Item Nos. ISO60176 | 16186 | 22165) in a two-lever drug discrimination test in rats.[2] Unlike modafinil (Item No. 15417), solriamfetol does not induce anxiety-like behavior in mice.[1] Formulations containing solriamfetol have been used in the treatment of excessive daytime sleepiness associated with narcolepsy or obstructive sleep apnea. Solriamfetol is regulated as a Schedule IV compound in the United States. This product is intended for research and forensic applications.

References

1. Sakai, N. and Nishino, N. Comparison of solriamfetol and modafinil on arousal and anxiety-related behaviors in narcoleptic mice. *Neurotherapeutics* **20(2)**, 546-563 (2023).
2. Baladi, M.G., Forster, M.J., Gatch, M.B., *et al.* Characterization of the neurochemical and behavioral effects of solriamfetol (JZP-110), a selective dopamine and norepinephrine reuptake inhibitor. *J. Pharmacol. Exp. Ther.* **366(2)**, 367-376 (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.

Copyright Cayman Chemical Company, 10/28/2026

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