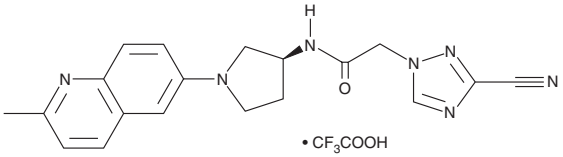
PRODUCT INFORMATION

IID432 (trifluoroacetate salt)

Item No. 46384

Formal Name:	3-cyano-N-[(3S)-1-(2-methyl-6-quinolinyl)-3-pyrrolidinyl]-1H-1,2,4-triazole-1-acetamide, 2,2,2-trifluoroacetate
MF:	$C_{19}H_{19}N_7O \bullet CF_3COOH$
FW:	475.4
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



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

Laboratory Procedures

IID432 (trifluoroacetate salt) is supplied as a solid. A stock solution may be made by dissolving the IID432 (trifluoroacetate salt) in the solvent of choice, which should be purged with an inert gas. IID432 (trifluoroacetate salt) is soluble (≥10 mg/ml) in DMSO. IID432 (trifluoroacetate salt) is sparingly soluble (1-10 mg/ml) in ethanol.

Description

IID432 is an antiprotozoal agent.[1] It inhibits *T. brucei* topoisomerase II and the replication of *T. cruzi* in NIH3T3 cells (EC_{50} = 0.008 µM). IID432 (10-25 mg/kg) cures parasitemia in a mouse model of chronic *T. cruzi* infection.

Reference

1. René, O., Saldivia, M., Dauphinais, M., *et al.* Discovery of IID432 for Chagas disease: A cyanotriazole inhibitor of *Trypanosoma cruzi* topoisomerase II achieves sterile cure after short-term treatment in a chronic infection model. *J. Med. Chem.* **69(2)**, 1135-1153 (2026).

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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