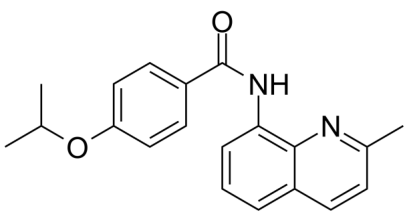


## Certificate of Analysis

Catalog Number	BP15967
Product Name	CDN1163

## Physical and Chemical Properties

CAS No.	892711-75-0
Chemical Formula	C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	320.392
Solubility	DMSO: 50 mg/mL (156.06 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	CDN1163 is a small molecule activator of sarco/endoplasmic reticulum Ca <sup>2+</sup> -ATPase (SERCA).
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In vivo	CDN1163, which markedly lowered fasting blood glucose, improved glucose tolerance, and ameliorated hepatosteatosis but did not alter glucose levels or body weight in lean controls. Importantly, CDN1163-treated ob/ob mice maintained euglycemia comparable with that of lean mice for >6 weeks after cessation of CDN1163 administration.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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