

Certificate of Analysis

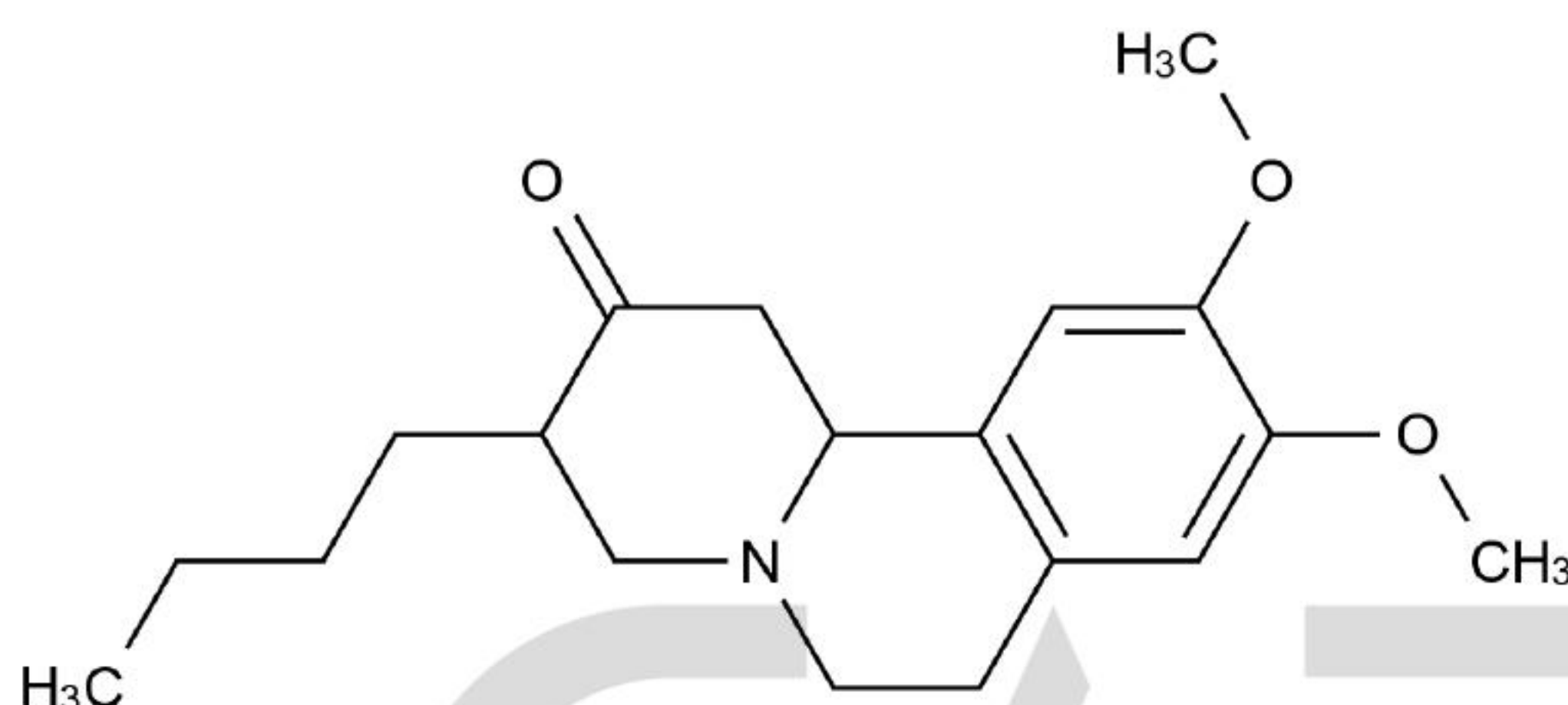
Reference Material & Standard

Product Name:	3-Butyl-9,10-dimethoxy-3,4,6,7-tetrahydro-1H-pyrido[2,1-a]isoquinolin-2(11bH)-one	Catalogue Number:	C1444570
Synonyms:	N/A	Lot Number:	0330-RH-0175
CAS Number:	19328-35-9	Expiry Date:	Apr 02, 2030
Molecular Formula:	C ₁₉ H ₂₇ NO ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	317.42	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.903%
Loss on Drying	TGA	0.4513%
Assay		99.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 03, 2026

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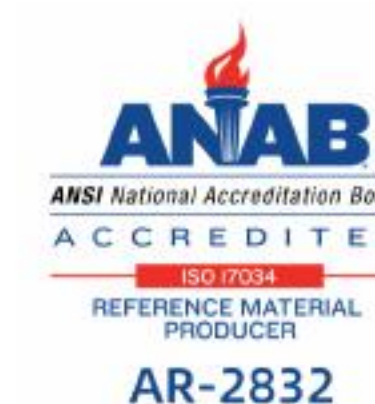
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