

Certificate of Analysis

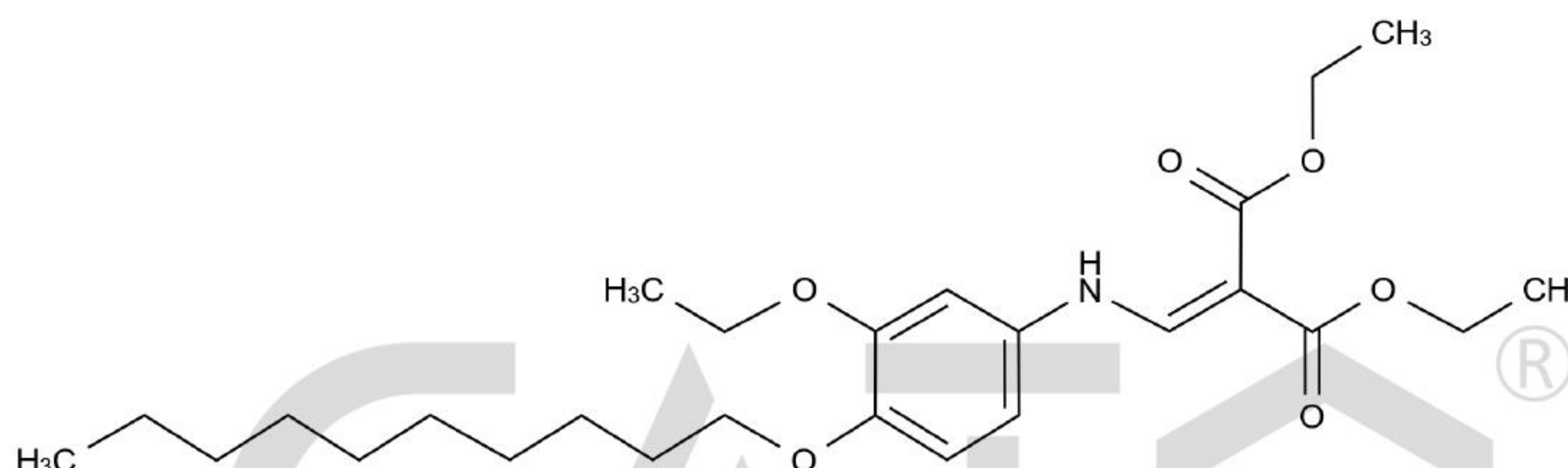
Reference Material & Standard

Product Name:	Diethyl 2-(((4-(decyloxy)-3-ethoxyphenyl)amino)methylene)malonate	Catalogue Number:	C1803359
Synonyms:	N/A	Lot Number:	0715-RH-0011
CAS Number:	26692-07-9	Expiry Date:	Jul 15, 2030
Molecular Formula:	C ₂₆ H ₄₁ NO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	463.61	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	99.962%
Loss on Drying	TGA	0.1215%
Assay		99.8%

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: Jul 16, 2026

Date: Jul 16, 2026

Date: Jul 16, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Official WeChat