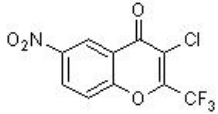


Product datasheet

Namoline, lysine-specific demethylase 1 inhibitor ab144666

1 Image

Overview

Product name	Namoline, lysine-specific demethylase 1 inhibitor
Description	Selective, reversible lysine-specific demethylase 1 inhibitor
Biological description	Selective, reversible lysine-specific demethylase 1 (LSD1) inhibitor (IC ₅₀ = 51 µM). Silences androgen receptor-regulated gene expression. Shows antiproliferative effects <i>in vivo</i> .
Purity	> 99%
CAS Number	342795-11-3
Chemical structure	

Properties

Chemical name	3-Chloro-6-nitro-2-(trifluoromethyl)-4 <i>H</i> -1-benzopyran-4-one
Molecular weight	293.59
Molecular formula	C ₁₀ H ₃ ClF ₃ NO ₄
PubChem identifier	715694
Storage instructions	Store at -20°C (desiccating conditions).
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 12 months.</p> <p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

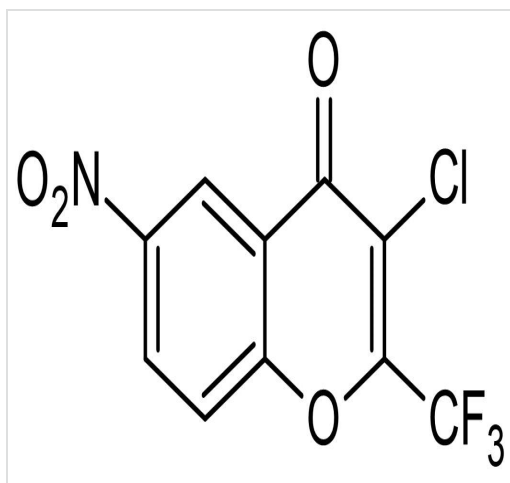
SMILES

[O-][N+](=O)c1ccc2OC(=C(Cl)C(=O)c2c1)C(F)(F)F

Source

Synthetic

Images



2D chemical structure image of ab144666, Namoline, lysine-specific demethylase 1 inhibitor

Chemical Structure - Namoline, lysine-specific demethylase 1 inhibitor (ab144666)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team