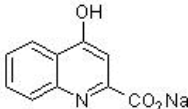


Product datasheet

Kynurenic acid sodium salt, Endogenous ionotropic / nicotinic antagonist ab120256

★★★★★ 1 Abreviews 10 References 1 Image

Overview

Product name	Kynurenic acid sodium salt, Endogenous ionotropic / nicotinic antagonist
Description	Endogenous ionotropic / nicotinic antagonist; water soluble
Biological description	Endogenous antagonist at ionotropic, glycine and $\alpha 7$ nicotinic receptors. Neuroprotective <i>in vivo</i> . Water soluble form. Also available in simple stock solutions (ab146693) - add 1 ml of water to get an exact, ready-to-use concentration.
Purity	> 99%
CAS Number	2439-02-3
Chemical structure	

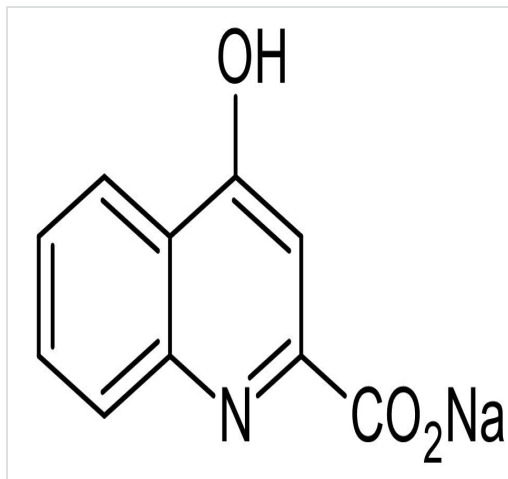
Properties

Chemical name	4-Hydroxyquinoline-2-carboxylic acid sodium salt
Molecular weight	211.15
Molecular formula	$C_{10}H_6NNaO_3$
PubChem identifier	52974250
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	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 $-20^{\circ}C$. 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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES O=C(O[Na])c1cc(O)c2cccc2n1

Source Synthetic

Images



Chemical Structure - Kynurenic acid sodium salt,
Endogenous ionotropic / nicotinic antagonist
(ab120256)

2D chemical structure image of ab120256, Kynurenic acid sodium salt, Endogenous ionotropic / nicotinic antagonist

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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- 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