Chicago Sky Blue 6B, counterstain for background autofluorescence ab145592

Overview

Product name
Chicago Sky Blue 6B, counterstain for background autofluorescence

Description
Counterstain for background autofluorescence. Allosteric MIF inhibitor. VGLUT inhibitor.

Biological description

Purity
> 80%

CAS Number
2610-05-1

Chemical structure
![Chemical structure image]

Properties

Chemical name
(6E)-4-Amino-6-[[4-{[2Z]-2-(8-amino-1-oxo-5,7-disulfonatonaphthalen-2-ylidene)hydrazinyl]-3-methoxyphenyl]-2-methoxyphenyl]hydrazinylidene]-5-oxonaphthalene-1,3-disulfonate tetrasodium salt

Molecular weight
992.79

Molecular formula
C_{34}H_{24}N_{6}Na_{4}O_{16}S_{4}

PubChem identifier
5359775

Storage instructions
Store at Room Temperature. The product can be stored for up to 12 months.

Solubility overview
Soluble in water to 10 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°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**

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COC1=C(C=C(=C1)C2=CC(=C(C=C2)NN=C3C=CC4=C(C(C=C4S(=O)(=O)[O-])S(=O)(=O)[O-])N)OC)NN=C5C=CC6=C(C5=O)C(=C(C=C6S(=O)(=O)[O-])S(=O)(=O)[O-])N.
[Na+].[Na+].[Na+].[Na+]`
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**Source**

Synthetic

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

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- 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
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