

## MIF antagonist, p425

Cat. No. CEI-0567

Lot. No. (See product label)

### Introduction

#### Description

A counterstain for background autofluorescence in fluorescence and immunofluorescence histochemistry. Acts as an allosteric MIF (macrophage migration inhibitory factor) inhibitor. It occupies an interface of MIF trimers, leading to the loss of its tautomerase, receptor binding, and pro-inflammatory activities. An excellent tool to design MIF-directed therapeutics for inflammatory diseases.

#### Synonyms

Chicago Sky blue 6B

### Product Information

#### Appearance

Off-white solid

#### CAS No.

259444

#### Molecular Formula

C<sub>34</sub> H<sub>24</sub> N<sub>6</sub> Na<sub>4</sub> O<sub>16</sub> S<sub>4</sub>

#### Chemical Name

6,6-[(3,3-Dimethoxy[1,1-biphenyl]-4,4-diyl)bis(azo)]bis[4-amino-5-hydroxy-1,3-naphthalenedisulphonic acid] tetrasodium salt

#### Molecular Weight

281.35

#### Purity

>95%

#### Targets

Microtubule

#### Solubility

DMSO or EtOH

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

RT