

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 C₃₄ H₂₄ N₆ Na₄ O₁₆ S₄

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