



Sulfonamides, BSA-conjugated (DAG-T2798)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sulfonamides, BSA conjugate
Conjugate	BSA
Format	Concentrate
Concentration	6mg/ml
Size	0.2 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction

In chemistry, the sulfonamide functional group (also spelt sulphonamide) is $-S(=O)_2-NH_2$, a sulfonyl group connected to an amine group. Relatively speaking this group is unreactive. The amine center is no longer basic. The S-N bond is cleaved only with difficulty. Because of the rigidity of the functional group, sulfonamides are typically crystalline. For this reason, the formation of a sulfonamide is a classic method to convert an amine into a crystalline derivative which can be identified by its melting point. Many important drugs contain the sulfonamide group.

Keywords Sulfonamide