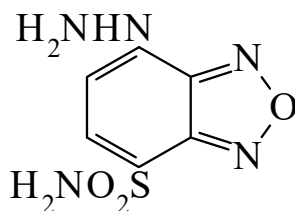




>>Entry Name: 7-Hydrazino-4-benzofurazansulfonamide, 9CI

Synonym(s): 4-(Aminosulfonyl)-7-hydrazino-2,1,3-benzoxadiazole



CAS Registry Number: 131467-85-1

Molecular Formula: C₆H₇N₅O₃S

Molecular Weight: 229.219

Accurate Mass: 229.02696

Percentage Composition: C 31.44%; H 3.08%; N 30.55%; O 20.94%; S 13.99%

Use/Importance: Fluorogenic reagent for aldehydes and ketones

Physical Description: Yellow-orange needles (MeOH)

Melting Point: Mp 184-185 dec.°

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 131467-86-2

Molecular Formula: C₈H₁₁N₅O₃S

Molecular Weight: 257.273

Accurate Mass: 257.05826

Percentage Composition: C 37.35%; H 4.31%; N 27.22%; O 18.66%; S 12.46%

Use/Importance: Fluorogenic reagent for aldehydes and ketones

Physical Description: Reddish-brown cryst. (MeOH)

Melting Point: Mp 138-139 dec.°

References:

Uzu, S. *et al.*, *Analyst (London)*, 1990, **115**, 1477, (*synth, use*)