

Product Data Sheet

Product Name: Bispyribac sodium

Cat. No.: GC76063

Chemical Properties

Cas. No. 125401-92-5

Formula $C_{19}H_{17}N_4NaO_8$

M.Wt 452.35

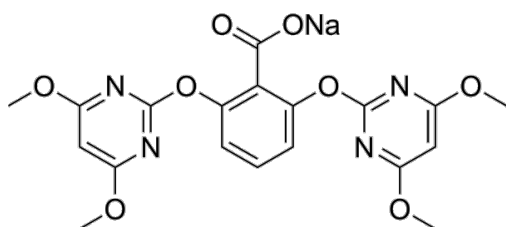
Solubility DMSO: 5 mg/mL (11.05 mM;
ultrasonic and warming and heat to
60°C)

Storage 4°C, sealed storage, away from
moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Bispyribac sodium is a selective, systemic and post emergent herbicide used to eradicate grasses and broad leaf weeds. Bispyribac sodium is also an acetolactate synthase (ALS or known as AHAS) inhibitor^[1].

References:

[1]. Ahmad F, Anwar S, Firdous S, Da-Chuan Y, Iqbal S. Biodegradation of bispyribac sodium by a

Caution: Product has not been fully validated for medical applications. For research use only.

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novel bacterial consortium BDAM: Optimization of degradation conditions using response surface methodology. J Hazard Mater. 2018;349:272-281.

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