Product datasheet

Bis(aziridinyl)methylamino phosphine sulfide (Bisazir) ab143584

Overview

Product name Bis(aziridinyl)methylamino phosphine sulfide (Bisazir)
Description Male selective chemosterilant agent
Purity > 98%

Properties

Chemical name \(N\text{-}[\text{Bis(aziridin-1-yl)phosphinothioyl}]\text{methanamine}\)
Molecular weight 177.21
Chemical structure

\[
\begin{array}{c}
\text{N} \\
\text{P} \\
\text{N} \\
\Delta \\
\text{CH}_3
\end{array}
\]
Molecular formula \(\text{C}_5\text{H}_{12}\text{N}_3\text{PS}\)
CAS Number 13687-09-7
PubChem identifier 114691
Storage instructions Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview Soluble in DMSO
Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.
Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES \(\text{CNP(=S)(N1CC1)N2CC2}\)
Source Synthetic

Please note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS”
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