



Rotenone [BSA] (DAG3400)

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

PRODUCT INFORMATION

Product Overview	Rotenone, BSA-conjugated
Specificity	Rotenone conjugated with bovine serum albumin (BSA).
Species	N/A
Purity	Purity is greater than 95.0% as determined by HPLC analysis and SDS-PAGE
Conjugate	BSA
Applications	immunohistochemistry and immunocytochemistry
Reconstitution	Reconstituted in deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	<p>Rotenone is a colorless-to-red, odorless solid. In solution it is used as a broad spectrum insecticide that works by inhibiting the transfer of electrons from Fe-S centers in Complex I to ubiquinone (see electron transfer chain). This prevents NADH from being converted into usable cellular energy (ATP). Rotenone is commonly used in powdered form to reduce parasitic mites on chickens and other fowl. It also stuns or kills fish and is used to eradicate exotic fish from their non native habitats. It is toxic to humans and other mammals. However, it breaks down when exposed to sunlight and has a short lifetime (a week or less) in the environment.</p>
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Keywords

Rotenone; Canex; 5'-beta-rotenone; Barbasco; Deril; Derrin; (-)-cis-rotenone; Foliafume; derrisextract,e.c.(2.5%); ethenyl)[1]benzopyrano[3,4-b]furo[2,3-h]benzopyran-6(6ah)-one
