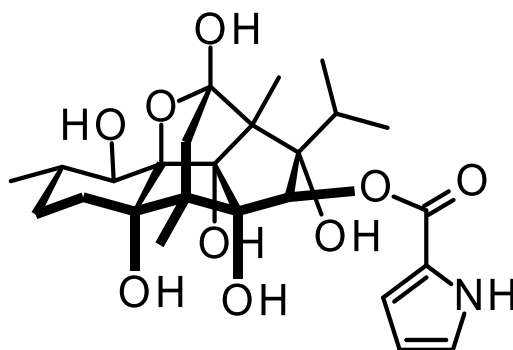


Catalog Number: **RCTT1960**

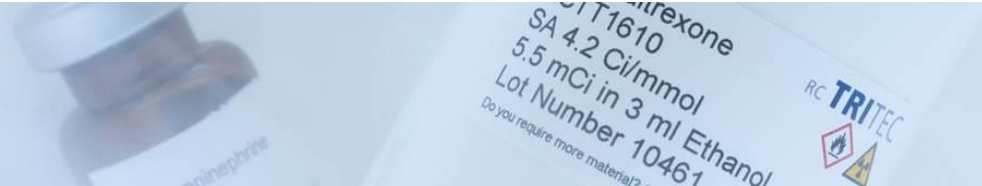


493.55 g/mol
C₂₅H₃₅NO₉

[H-3] Ryanodine

CAS-Number: 15662-33-6

Description: Concentration dependent modulator of ryanodine-mediated Ca²⁺ release through modulation of the ryanodine receptor.



Packing/Concentration: 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped at room temperature.

Radiochemical Purity: The radiochemical purity after purification was determined to be >97%.

Specific Activity Range: 40-60 Ci/mmol (1480-2220 GBq/mmol)

Stability/Storage: The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is currently under investigation. The decomposition of the compound is not linear or related to isotope half-life. Deviations of different lots may occur.

Lot specific information:

Lot Number :	10811
Specific activity:	52.2 Ci/mmol 1930 GBq/mmol
Purification Date:	16.02.2024
Day of Analysis:	16.02.2024

Note: The compound was isolated from the HPLC eluent under neutral conditions by solid phase extraction. The mass spectrum is consistent with the proposed structure and a non-labeled reference; the HPLC retention time is consistent with a non-labeled reference. Actual position of labels not verified. For research and development use only, not for use in humans.