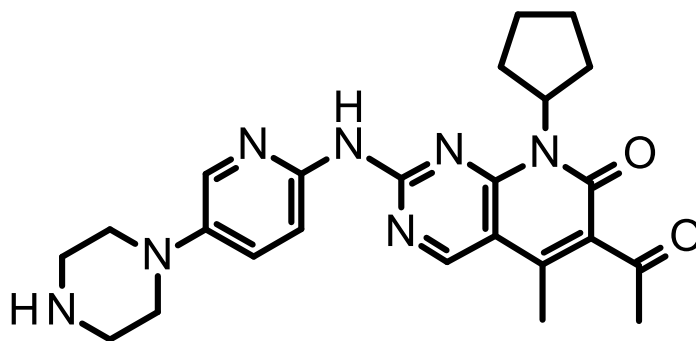


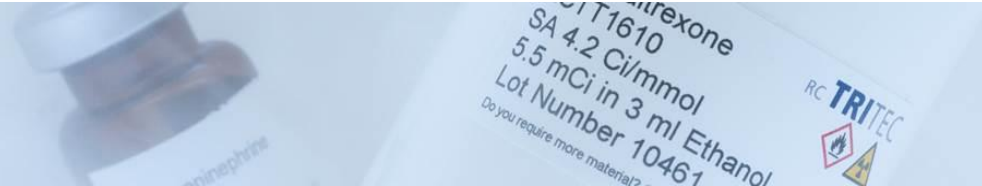
Catalog Number: RCTT2180

447.53 g/mol
C₂₄H₂₉N₇O₂

[H-3] Palbociclib

CAS-Number: 571190-30-2

Description: Orally active and selective CDK4 and CDK6 inhibitor. Has potent antiproliferative activity and induces cell cycle arrest in cancer cells.



- Packing/Concentration:** 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped on dry ice.
- Radiochemical Purity:** The radiochemical purity after purification was determined to be > 97%.
- Specific Activity Range:** 50-100 Ci/mmol (1850-3700 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:	11031
Specific activity:	90.8 Ci/mmol 3360 GBq/mmol
Purification Date:	29.02.2024
Day of Analysis:	29.02.2024

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.