

PCT1104 Hygromycin-B, From Streptomyces hygroscopicus, Plant Culture Tested

Product Number Packing

PCT1104	: 100MG
PCT1104	: 250MG
PCT1104	: 1G

Product Information

Product Code	: PCT1104
Product Name	: Hygromycin-B, From Streptomyces hygroscopicus, Plant Culture Tested
Molecular Formula	: $C_{20}H_{37}N_3O_{13}$
Molecular Weight	: 527.52
CAS No.	: 31282-04-9
EC No.	: 250-545-5
HS Code	: 2941 90 00
Shelf Life	: 3 years

Technical Specification

Appearance	: White to brown powder
Solubility	: 33.3 mg soluble in 1 mL of water
Potency	: min. 1170 mcg/mg
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed.
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus.
Assay (HPLC)	: min.60.00%

GHS Safety Information

Hazard Statement(s)	: H300-H310-H330-H318-H334
Precautionary Statement(s)	: P260-P264-P280-P284-P301+P310-P302+P350
Signal Word	: Danger
Hazard Pictogram(s)	



Risk and Safety Information

R-Phrase(s)	: 26/27/28-41-42/43
S-Phrase(s)	: 22-26-28-36/37/39-45
WGK	: 3
RTECS	: WK2130000
Storage Temperature(°C)	: Store at 2 - 8°C
Hazard Symbol(s)	





Product Information

Transport Information

UN No.	:	3462
Class	:	6.1
Packaging Group	:	1
Marine Pollutant	:	No
ADR/RID	:	3462 6.1/PG 1
IMDG	:	3462 6.1/PG 1
IATA	:	3462 6.1/PG 1

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