



Imipenem Monohydrate

A member of carbapenem class inhibiting cell-wall synthesis.

Cat. Number	AS-2012
CAS Number	74431-23-5
Additional CAS	64221-86-9
MDL Number	MFCD09753321
Molecular Weight	317.36 g/mol
Molecular Formula	C ₁₂ H ₁₉ N ₃ O ₅ S
Storage Temperature	-20°C
Form and Color	Powder, white to light yellow to yellow-brown
Assay (on dry basis)	Min. 95%
pH (0.5% in water)	4.5 – 7.5
Water content	Max. 8%
Sulphated ash	≤ 0.2%
Synonym	MK-787