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• Phenylketonuria is an inherited disorder in which phenylacetic acid, C ₆ H ₅ CH ₂ COOH, (simplified here to HPAc) accumulates in the blood. A study of the acid shows that the pH of a 0.12 M HPAc solution is 2.60. What is the pK _a of phenylacetic acid?	
	Answer: